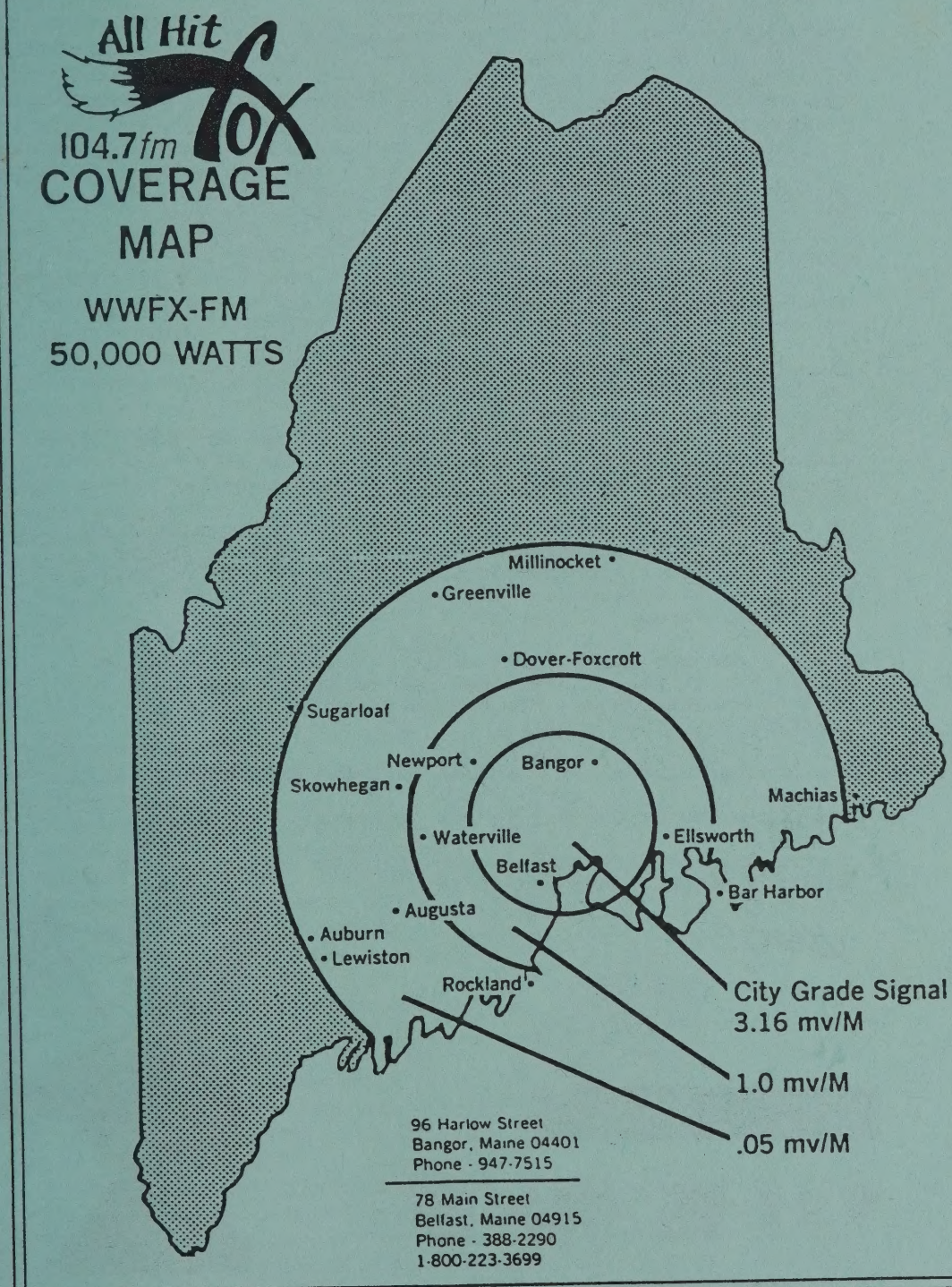
Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

JUNE 1991



SATELLITE NEWS

GEORGE W. JENSEN
4604 Anntana Avenue
Baltimore, MD 21206-4220

Not too much to report this time around. The Morelos birds have been playing musical chairs with their services this time though. Below are the changes that I have noted:

XEW from Morelos 1 XPDR 14 to Morelos 2 XPDR 14
XHGC from Morelos 1 XPDR 10 to Morelos 2 XPDR 8
XHTV from Morelos 1 XPDR 7 to XPDR 14
the station from Merida on Morelos 2 XPDR 2 has either disappeared, moved, or is now in a tight spot beam not visible here.

Changes continue on Telstar 303 and seem too fluid to report at this time, but TVN Pay-Per-View is now in full swing using XPDRs 1 thru 9, 20 and 24 as the barker channel.

CNN International on Galaxy 2 XPDR 1 is now Leitch encoded.

Some interesting notes concerning PanAmSat.
The TV Japan NHK feed remains on Ku XPDR 1 with Japanese programming
While many feeds on this bird are spot beamed and not visible here, there are some exceptions. On KU the USA Cable Network football feeds from Europe are fed at times.
On C XPDR 2 seems to be a feed channel with occasional items from religious broadcasters in the USA. A Soccer match from Television Nacional de Chile was also noted.
XPDR 22 is Panamericana Television (PanTel) ch. 5 from Lima, Peru.

There's another new bird in orbit - Spacenet 4 currently at 101 W. It was to have been called ASC 2, but was sold to another owner. It has 16 C and 6 Ku trans= ponders.

The Monitor Channel is found on Satcom 4 XPDR 20.

The Outlaw Music Channel is now on Westar 4 XPDR 21

That's all for this month. Look for the yearly reviews in a few months. See you in 30.
"73's

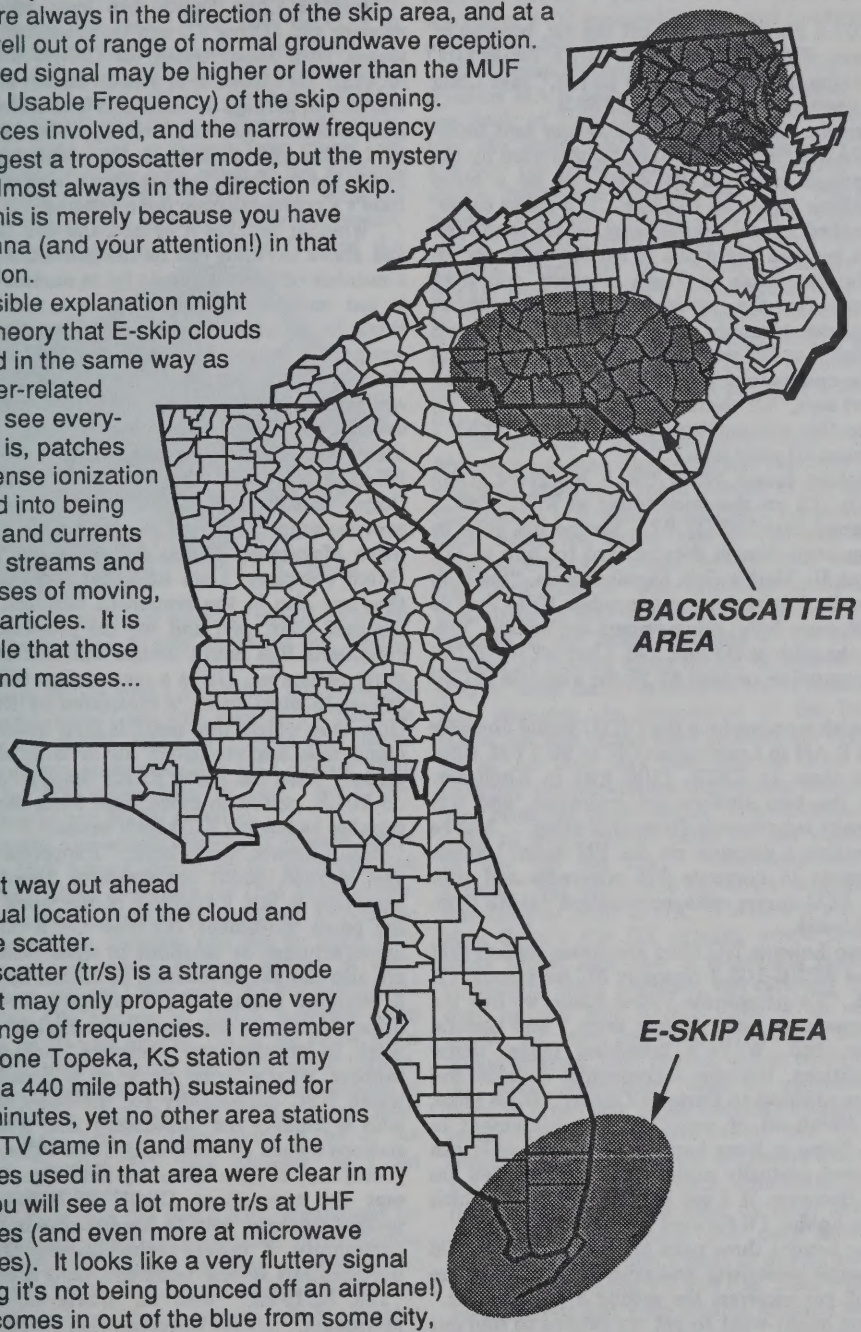
George

MTV NETWORKS
A VIACOM COMPANY
VH1 MTV MUSIC TELEVISION NICKELODEON NICK & NITE

THE MYSTERY OF BACKSCATTER

There is a wierd propagation mode that is known as "backscatter." This is often associated with E-skip, but nobody seems to understand it very well. My own opinion is that an E-skip cloud has little to do with it, even though one often observes it happening during a skip opening. Many times, I have had oddball loggings in the direction of a skip area. For example, WPVR in Roanoke while TX is in, WRAL in Raleigh while FL is in, WGAR Cleveland while WI is in, etc. (QTH near Baltimore). The interesting thing is that these backscatter (bk/s) loggings usually only happen at one frequency; that is, no other Raleigh stations can be heard or seen. Also, the bk/s loggings are always in the direction of the skip area, and at a distance well out of range of normal groundwave reception. The received signal may be higher or lower than the MUF (Maximum Usable Frequency) of the skip opening. The distances involved, and the narrow frequency range suggest a troposcatter mode, but the mystery is that is almost always in the direction of skip. Perhaps this is merely because you have your antenna (and your attention!) in that one direction.

A possible explanation might lie in the theory that E-skip clouds are formed in the same way as the weather-related clouds we see every-day. That is, patches of extra dense ionization are swirled into being by eddies and currents formed by streams and large masses of moving, charged particles. It is conceivable that those streams and masses...



could exist way out ahead of the actual location of the cloud and induce the scatter.

Troposcatter (tr/s) is a strange mode itself, for it may only propagate one very narrow range of frequencies. I remember receiving one Topeka, KS station at my TN QTH (a 440 mile path) sustained for over 30 minutes, yet no other area stations on FM or TV came in (and many of the frequencies used in that area were clear in my area). You will see a lot more tr/s at UHF frequencies (and even more at microwave frequencies). It looks like a very fluttery signal (assuming it's not being bounced off an airplane!) that just comes in out of the blue from some city, say, 150-400 miles away.

Backscatter is something to look out for this summer while DX'ing E-skip openings. You may get some new, surprise loggings that might not come in any other way. As I have DX'ed over the last few years, I've noticed that the bk/s seems to occur as a skip opening is dying (perhaps this is just because the band is quieter). Anyway, think about it, and if you have any good theories as to how bk/s might be related to or induced by skip, I'd love to hear about it. -Tim McVey

FM NEWS

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General Delivery
Adolph MN 55701-0024, U.S.A.

Contributions earnestly solicited!

Readers' Reports and Phase Shifting News

KRRC *107.5 Portland OR is off the air, because of the new stereo FM station, KDBX 107.5 Banks OR. KRRC is seeking 104.1 "and more power," says Craig Pattillo. Ten years ago, KRRC was on *89.3.

Bill Nienajadly and Robert E. Schweitzer sent information on WAWZ *99.1 Zarephath NJ thwarted by the NJ state appeals court in its desire to be a more prominent DXing target by building a 115 meter tower. The court backed a local zoning panel, which found the tower would be used for profit in leasing space for 28 repeater antennas. Pillar of Fire's attorney said they would reapply for the variance, this time without including repeater antennas to be used for commercial purposes. "Heh!" as Bill would say, they could still lease their SCA for commercial purposes and retain their old tower. Robert says, "Of course I love the FM Atlas!" He seems to like this column "and the SCA tape which I purchased about 10 years ago."

Mark Strickert found WNIJ *90.5 Rockford IDing with De Kalb; it's on the same tower as WNIU *89.5, and he's learned that WHKQ 92.1 Racine has gone to easy listening, even though they're hard for him to DX in neighboring IL. Mark's club, DecalcoMania, "the club for fans of radio," is having a get-together 12-14 July at Speedway IN, near Indy; nonmembers are invited. You might write the club at PO Box 126, Lincroft NJ 07738 for more information or send $1.25 for a sample ($1.50 in Canada).

Jim Nahirniak wonders how the CRTC would consider moving CHYR AM in Leamington ON to 96.7 FM, since they are so close to CKGL (100 kw) in Kitchener. "Turns out the two stations are co-owned, and will probably accept interference from each other... Maybe they're expecting a decision on the FM soon?" muses Jim, who wants to compute FM coverages and who ordered the FCC curves with explanation (at $2 from the above address).

From Camp Lejeune NC Mike Hardester reports that employees of WZYC 103.3 Newport NC have bought it and the AM. "To paraphrase Victor Kiam, we like the stations so much we want to buy them," said General Manager Ben Ball. WZYC's broadcast range, under nonDX conditions, includes Jacksonville, Kinston and Greenville, in addition to Carteret County, writes Mike, who adds: "With all of my FM radio equipment in storage (I'm living in Navy barracks until my family can move out here), virtually nothing FM-radio related has been done. However, if I see something locally which relates to the hobby, I'll forward it along."

Ed Locker bought three pairs of Murata 150-kHz FM filters for better selectivity and says, "These filters are great! All of my receivers are getting a pair! Thanx." [Other DXers might want to get my catalog to find out about the filters and installation service.] If you find Murata-Erie hard to deal with directly, it's because they want to work more through distributors. They demand a $1,000 order to do business directly, according to "Electronic Buyers' News." The company deals with 13,000 OEMs (original equipment manufacturers), with 14% of its business through distributors.

Florida's Chris Dunne has been enjoying his new receiver and DXing FL and Cuba stations, sometimes in stereo. How about trying for CMHW 93.5 Santa Clara on skip? He's heard it in pseudo stereo, but the program was mono; perhaps at times it is true stereo, and thereby able to send a binaural thrill up both sides of the spine of a DXer able to tune in this elusive country. "Hey, how's the feedback been re Saul's 'nuclear' comments?" Here's a comment from John Ebeling:

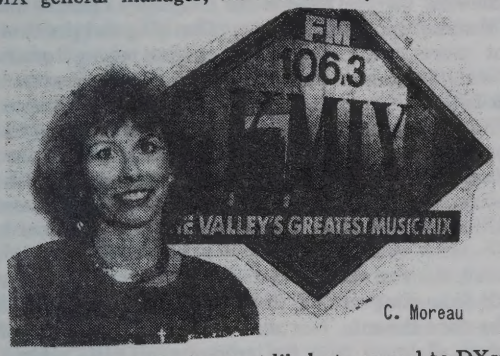
"Whether he likes it or not, the G-E Superadio is far and above anything else on the market, and has been for a number of years now. As far as nuclear weapons go, it is just another diversification in a vast corporation. I think he is way off base in asking you to use other equipment. Panasonic, a product of the largest electronics firm in Japan, has never been a good product in my estimation. Most of their older (6-7 years ago) stuff is usually a piece of junk when it comes time to repair them—one thing after another is found defective. GE & RCA, divisions of the French Thomson Electronics Corp., usually put out a pretty good product and provide support for the products after the sale. Philips owns Magnavox, Philco and Sylvania and as a large Dutch company, I am sure that somewhere, somehow they are also in the armament business. You run your business your way, and sell the products you like. Let comments like Saul's amuse but not sway you. One must remember, GE is a corporation (under Thomson) and as in most cases, is motivated by the bottom line. How they obtain that result is their business. Every year Honeywell has protesters up in arms about their war effort." John has heard KLKS Breezy Point MN testing on 104.3, poised to move from 95.3, and the only club supplies he has are VUD back issues.

Saul Chernos writes back: "I appreciated the interest you showed about my concerns about GE. The GE campaign is just a fraction of the work being done by the peace movement. It's true—GE is but one of many manufacturers of weapons of mass destruction. There are also campaigns focusing on Litton Systems and Pratt & Whitney Canada. So, I accept your rationale, that other companies are equally complicit. But I support work to pressure any company, including GE. I also support what's being done on a broader scale. I do watch NBC occasionally for the news, but I do realize who is funding the newscast. I also won't stop DXing stations owned by companies I don't like. I'll just do my [best] not to give them my hard-earned dollars." Saul sent an item about CKQN 99.3 Baker Lake NWT seeking financial help to keep it alive in its 1300-person community. I believe John Ebeling DXed CKQN in northern MN several years ago. Saul is also a writer for "The ACTivist," with an article he wrote in that newspaper, "Media Coverage Helped to Sell War," and he sent an article, "Pratt and Whitney—Building Death Around the World," which looks more like a religious tract.

Keith Pugh mentioned WJAB *90.9 Huntsville AL has been testing and will soon be DX ready with jazz and blues, probably jf format, testing with no stereo. He

thinks St. George SC 107.5 may have changed calls, now simulcast with "Sunny 100," WSUY Charleston SC, confirmed as having stereophony. I still show the calls as WKQB on 107.5. He sent copies of letters from the "Huntsville Times" scolding WZYP 104.3 Athens AL for taking over WKQD 93.3 Tullahoma TN, and turning it into WHVK as country. During the change-over all you heard on 93.3 was the sound of sawing, yelling and breaking glass over and over. "Obviously, WZYP does not believe in the American way of fair competiton. Even if this is 'technically legal', it certainly isn't fair to the listeners," writes Jim Cummings and Lise Weiner.

CA's W. R. McIntosh sent a story about the competition in the desert outside L.A. involving KGMX Lancaster CA and KAVS 97.7 Mojave. They're intensifying the battle to hold local audiences from major Los Angeles stations and fighting each other in the process. Ads on KAVS range from $15 to $25 per spot, while on KGMX they are priced $14 to $40. Catherine Moreau, KGMX general manager, has consciously reduced the



C. Moreau

number of ads per hour, most likely to appeal to DXers who will then be inspired to stay on 106.3 and send in reception reports.

Len Kruse says WJTM *88.1 Frederick MD is on the air and DX ready—same folks who own WJTY *88.1 in Lancaster WI and KJTY *88.1 in Topeka KS. Seems that company wants to monopolize 88.1 DXing when the skip rolls in! JTY means "Joy to You," and I need to know whether or not WJTM is stereo.

"Thanks for the nice words about the column," says Greg Coniglio. He's using a Macintosh LC computer and two desktop publishing programs for IBM compatibles. "I would recommend a desktop publisher if possible over a word processor, because you can do more with making columns and news, moving blocks of text, inserting graphics, various fonts, etc." He has heard local CJFT Fort Erie ON testing on 101.1, however using probably only its 10-watt exciter. Do let me know when they come on if they're stereo and their music format. WBUF 92.9 now "Mix 92.9," strict, with calls hidden in the weather forecast, while Erie's 103.7 has stirred itself into WMXE, "Mix 103.7." Greg plans to be at the convention in Dunkirk NY this summer, as I am tentatively planning to do.

Mike Cherry says that the new CRTC regulations for FM could make for less foreground/talk programming and DXers might find FMusic stations as prevalent in Canada as in the U.S. He's hoping to update this column on what station news he hears as skip rolls in. Because of limited roof space he is having to juggle antennas and might be without the use of a good FM antenna during part of the skip season. He looks forward to reading more on antenna nulling and using multiple arrays.

Al Quaglieri reported on translators in the Albany NY area, saying the WFME one in Olivebridge NY is on, but limited by strong WVCR *88.3 Loudonville to the north, while the WFME translator in East Windham NY is also on, but now interfered with by WAMC-1, which reportedly is on the air in Troy NY, and testing both on 89.9 and 90.3. Do let us know which frequency WAMC-1 settles down on. WZAD Wurtsboro 97.3 has been purchased by WDST 100.1 Woodstock and now relaying WDST 7 p.m. to 6 a.m. weekdays, 24 hours weekends. FCC approval is expected to eventually allow fulltime simulcasting.

Bill Nienajadly sent word that WQRC 99.9 Barnstable-Hyannis MA is being sold for $5.5 million, but it owes the Bank of New England $9.2 million. Format would stay the same. KSHE 94.7 Crestwood-St. Louis fined $25,000 for broadcasting a mock warning of a nuclear attack during the Persian Gulf War. Bill and another person mentioned WZFM 107.1 now WXPS, "Express 107.1," but not strict, Briarcliff Manor NY. And DXers hearing French on 91.5 should consider it may be WNYE Brooklyn, which airs about 20% of its schedule in that language, albeit monophonically. WSKQ-FM 97.9 NYC airs non-Spanish songs occasionally. WDRE 92.7 has a small but very loyal audience, "with its upbeat, modern format," and probably a treat to receive by DX.

For antenna phasing, Bill says that a cheap way uses 300 ohm antenna line, with one rotatable antenna and one fixed antenna pointed directly at the transmitter (of the station you want to null out, I assume), with both leads connected inside. Use of 300-ohm line is recommended since you might have to snip every 30 cm of line until null or best reception achieved. "What is interesting is that it is encouraged to point one fixed antenna at the transmitter and to use 300 ohm wire." Instead of cutting every 30 cm of lead-in you might be able to wrap tinfoil around 30 cm of insulated 300-ohm line, changing the impedance of the line. Slide the tinfoil up and down until changes are evident. Use the tinfoil on only one lead coming from outside. "By changing the impedance with sliding tinfoil this acts as a very primitive phase shifter. This technique was used by some to watch certain cable TV pay channels that used to use the old CATV 'beep-beep-beep' encryption system," but might also cut down on signal strengths of stations you want to DX. "I believe if you look back on Matt Sittel's FM DX reports, you'll notice he is/was using rabbit ears and a 6-element Radio Shack and connecting them together, and carefully trying 'this and that' he was able to null some of his semi-locals. No doubt by pure experimentation he stumbled upon 'phase shifting' too! Several things to think about those old 'ghost eliminators' used by consumers years ago; these in effect are 'phase shifters'. Running a signal thru several stages of amplification and attenuation and amplification, etc. to your set delays a signal somewhat, too. 'Variable interference eliminator' (once sold by Radio Shack and now used by Rich Shaftan) is also a phase shifter! Suppose you only have one rotable antenna and you don't want to put up another antenna, but you have cable TV and FM. Then why not use your cable output and your rotable antenna and phase that? Surely that should work too! Countless other options include two wire dipoles, two whip antennas. If phasing locals helps, would it be enough to do away with traps?" Bill promises to try out the phasing concepts

and let us all know how it works. He also sent info on a radio guide for the east coast from Maine to Florida, called the "Traveler's Radio Guide." I heard of another published by a travel agency in Chippewa Falls WI, and they get their FM station news from a data service—no original research like the FM Atlas and this column uses. You can find out more about their guide from PO Box 2292, Westfield [NJ?] 07091. Bill says: "probably does not include class As with low power and high tower," with the guide only showing stations with 1 kw to 100 kw.

W. R. McIntosh "was fascinated by your material on FM antenna phasing. Just one problem—where do I connect the variable capacitor which 'tampers' with one antenna? Serial or parallel? I have several FM tuners and many antennas which I could try. What size variable capacitor?" Mc included an SASE and I sketched out a diagram. If and when one of us in the club does an article on antenna phasing, I'll spare you my art. I think Bill explained the principle pretty well above, and I'm not sure what size variable capacitor you use. Mine is in an ancient Turner TV-FM booster and connects in series/parallel with the lead from the antenna you want to null (usually the one aimed at the offending station). Mc said "I'd like to get the info on antenna phasing before trying another FM bandscan—the dial is quite crowded here"[in the Los Angeles area]. He mentions how the area had much SCActivity devoted to ethnic broadcasting; now it is going main-channel, especially Korean. Hee Park is a popular DJ on KFOX 93.5 Redondo Beach CA. Another article Mc sent is on Digital Audio Broadcasting, recently tested at the NAB show in Las Vegas. There's debate, however, on which system might be adopted and if it might be built into the present FM band or occupy separate spectrum, such as the 1500-mz "L band." I understand from the testing done on a special bus in Las Vegas very little difference was perceived between FM and DAB, but considerable difference in favor of FM over AM. It sorta makes one wonder if DAB is worth all the fuss, doesn't it?

Also planning to attend the WTFDA shindig in western NY is Peter George from MA. He was interested in an old QSL I had from the former WBET-FM 97.7 in Brockton. His health is improving after suffering a stroke and losing his voice for a while. He's walking about, and "looking forward to seeing you at the conference in August," writes his wife, Mellonie. They are parents of a baby boy, Kevin, born Mar. 2.

Nick Lombardi would like my Atlas to list formats by frequency, but if you want that info, you should use my book in conjunction with the NRC FM Log, which was promoted in the VUD recently. With a more powerful computer, Nick feels I could produce a list showing the exact antenna heading required for optimum reception of each signal likely to be received. Think of the possibilities!" For doing that, I'd probably have to enter into the database all the FM station geographic coordinates and learn some sophisticated computer programs. "It was interesting seeing your photo in the April FMedia! I think there was also one of you in the VUD 10-15 years go at one of the club conventions, and for some reason I thought I remembered you as being a bit heavier, older and more conservative looking. It was good to have an update to correct these impressions."

Robert B. Mugrdechian was the other person, alluded to above, who supplied information on the changed status of WZFM to WXPS, Briarcliff Manor NY.

"I disagree with your FCC-FM April '91 column!" writes Karl J. Zuk. "WKDT 89.3 West Point NY is alive and on the air regularly. Owned by the U.S. Military Academy (Army) they have little to fear! They are a local to me." I hope Karl mentions what their ususal music format and what their operating hours are; I have heard it is stereo. Do they go off the air for the summer? Gerry Turro's 103.1 translator in Fort Lee NJ now has WYNY 103.5, instead of WHTZ Newark-New York. He recently bought a G-E Superadio, now made in China. "Sounds tinnier with the tweeter and feels a little cheaper—knob-wise, but performance is very similar to my original model. Thanks for your persistence!" I expect to get more Superadios in soon, as the supply of 15 that I had in this spring is exhausted.

Roger Giannini called and wants to buy a Sony ICF-6800W if anyone knows of one around. He says they were a good DX performer, and he's willing to pay a good price. If you know of one, contact him at 822 W. Jefferson, C-6, Springfield IL 62702-4862.

Gus Mancuso sent word that WYII 95.9 Williamsport MD is undergoing reorganization from bankruptcy. Gus concedes the real reason for frequency changes among FM stations is power boosts. "Changing dial position is a lot more significant than a station raising tower 3-6 meters and lowering power 5 or 10%! Gus was to have visited a WV reception spot in late May, and hoping to DX 259 total from there. Three weeks of DXing from a favorable spot in that state will equal about 20 years of Washington DC-area FM DXing!" Just wait until you retire, Gus, and you could live wherever you want, DXing to your heart's content! He's found higher band DX sometimes makes it but lower frequency stations don't, such as getting 99.7 Columbus and 107.7 Dayton OH from Emporia VA last September, "though nothing else thru the mts. Not sure what trop scatter (vs. trop) means. I know trop (vs. groundwave) OK." [Only on skip should you notice the lower frequency stations coming in first; longer range tropo and tropo scatter shouldn't be frequency-dependent, at least within the FM band; I think tropo scatter is a term that refers to a "scattering" of signals, such as caused by mountains or airplanes. Bob Cooper used to talk about "knife edge refraction" with a mountain range in the middle. This might be one form of tropo scatter—b.e.] Gus asks "What ever happened with this 'varible plane' propagation that was being pushed 2 to 3 years back (signal sent at all angles, not just horizontal and vertical?)" [It's still that and it's called circular polarization, rather than separate horizontal and vertical polarizations. Transmitting antennas have sloped and curved radiators so they can be both nondirectional and send the signal out at all angles from vertical to horizontal. The disadvantage is that to get a given ERP (effective radiated power) a station has to pay the electric bill for twice the power needed for vertical or horizontal radiated power alone—b.e.]

Dave Nieman also heard CJFT 101.1 testing across the border from Buffalo NY. "I phoned and talked with d-j; what a waste of time. He didn't even know start-up date; said ERP will be 26 kw with 2-bay antenna on one of CJRN's [Niagara Falls] AM towers at 46 m. Towers are just west of Fort Erie and can be seen from American side of Niagara River. Station's interests are Buffalo, Hamilton and Toronto." Dave enclosed various photos, and this one of WPIG's 95.7 tower might

reproduce here. He likes taking pictures of FM towers. Buffalo religious stations WFBF 89.9 and WDCX 99.5 share the same tower. "That makes for strange bedfellows, doesn't it?" The tower is next to WNED-FM's in the hills south of Buffalo near Boston NY; just across the valley

is WBUF's "Mix-92.9" site.

Chester P. Royster of Freeman VA enclosed two articles on phasing antennas sent to him by Ron Piazza, a Magnum/Dynalab dealer in San Francisco CA. This Ron knows somebody who is using a Smith G-23 aerial with an MR-78 tuner, and enjoying FM within a 320-km radius in CA. C. P. sent one of the articles to Doug Allen when he bought an Antennacraft FM10 antenna. "I modified the antenna by adding 4 meters worth of directors to it. Preliminary results are impressive; 257 km signals from the DC area and 380 km from Charlotte NC are much stronger (perhaps as much as 3-6 dB). The signals from DC were very weak on the FM-10.

"During 1975-1977, I converted two Lafayette FM antennas into a single, 6 meter aerial up about 12 meters. Signal strength appeared to increase by about 6 dB. Earlier I had stacked the two antennas and noticed only a 3 dB increase in signal strength. DC-area stations were still weak with the stacked array; however, the modified aerial provided me with tape-recorder listenable signals from the DC area 15 years ago. The modified FM-10 is 6 m high, 7 m long and I am using a Pioneer TX-8100 tuner that has only a 1.8 uv sensitivity. It seems that a better tuner or the Signal Sleuth 205 should increase my listenable radius." [Be wary about using FM boosters—they usually don't improve the quality of state-of-the-art receivers and tuners, but a tunable booster like the Magnum 205 might help in attenuating overload on parts of the dial plagued by that or "RITOIE" [see last month]—b.e.]. The articles he sent were "Kill FM Interference with Two Antennas," by Richard Modafferi, in the January, 1980, Audio; and from Radio-Electronics, Oct., 1985,"All About Multipath Distortion," by Robert F. Scott. Neither are good enough to copy from, so you might want to check your local library for the original articles.

Somebody sent an article on a real DX target, WIOI-1 100.7 Jacksonville FL, an 8000-watt on-channel booster of the parent station in Brunswick GA. To confuse DXers even more, WIOI is simulcasting WOKV 600 AM Jacksonville FL with monophonic talk. My question is how will you know which station you are receiving, via skip, when you hear WOKV calls on 100.7—the booster or the main station? And how can you convince them to give you a QSL for booster and main station if you hear alternating reception, indicating you are receiving both?

Alain Pepin took a medically-approved rest and trip to Cuba and sent a detailed trip report. He heard CMKC 93.5, as a local, with calls actually used on the air! At sign on, 7 a.m.: "Estimados audientes de toda la republica, muy buenos dias. Con nuestro temo musical, la valsa Cubana Los Tres Voltes do Ignacio Cervantes, esta emisora CMBF, Radio Musical Nacional del Instituto Cubano de Radio y Television. . ." He also DXed Jamaica and heard nonIDs from there like "Radio Waves" and "Super Hot 102.9" from Montego Bay. Also, "105.5 Arawak" and "107.7 Airy" Jamaica. Back to Cuba, he heard or found out about the following:

88.3 CMJP Ciego de Avila
95.9 CMKX-FM Bayamo, $[tereo]
?? CMKO-FM Holguin. "Lots of bell chimes, time check, 'Radio Deporte" sports report. Extremely fast 'CMKO Radio Angulo, tribuna del pueblo, cadena provincial en Holguin', but" wasn't able to tell its frequency. "In fact, I didn't know I had it until I listened back to the recording. The whole thing is said in roughly 1.7 seconds. Cuban frequencies, except when mentioned in a station ID are estimated. No frequency readout on the Aiwa. . . Eventually, I'll mount all these on a tape and offer them for sale or trade. Jamacian FMs were frustrating, but I got more stations than listed in the WRTVH!" [It would be nice if Alain could have checked for SCAs to see if that form of broadcasting exists in Cuba—b.e.]

Bill Cheek, author of the *Scanner Modification Handbook*, says "I like your finding about the LED on pin 5 of the SCA board [in the Elf-II SCAdapter]. I haven't tried it yet, but will do so at the first opportunity. Apparently, there is a voltage increase at pin 5 when an SCA signal is present, eh? A nice little flourish and I will mention it in a coming issue of the 'World Scanner Report'." [To find out about Bill's modifications, including what you can do to the Pro-2004-2005-2006 by Radio Shack, which also tunes FM, 88-108 mz, write for his price list or catalog at PO Box 262478, San Diego CA 92196.]

Gerry Turro from the Fort Lee NJ 103.1 translator called and was amused that the switch in primary stations to WYNY was reported in FMedia! He's chief engineer of WNEW-FM, and wants me to whisk off a catalog showing FM-SCS adapters to a colleague there.

Now, onto the FM station news which is only partly reproduced from my FMedia! newsletter of last month. And following immediately, features culled from last month's VUD.

See Also May VUD For

CT Hartford WHCN 105.9 op, Nieman, p. 19
IL Carlinville WCNL 95.9 $[tereo], Strobel, p. 21 [Allen, p. 24
KS Goodland KKCI 102.5 m; is it stereo?/
KY Elizabethtown WKUE *90.9 has $, Strobel, p. 21 [ny 93"), Coniglio, p. 22
MA Taunton WSNE 93.3 Mix 93.3 (from "Sun-/
MI Carrollton WKFK 100.5 r; is it stereo? Strobel, p. 21
MI Flint WWCK 105.5 rs, "CK-105," (from "CK-106"), Coniglio, p. 22
NH Winchester WKBK-FM 98.7 on air, Hanlon, p. 22; but what is its usual music format and does it have stereo? [WHBI, Solomon, p. 17
NJ Newark (not "Hartford") WNWK/
NJ Newton WNNJ-FM 103.7 is the more likely candidate than WMGM 103.7 Atlantic City for the "Sunny 103.7" moniker, Station News, p. 18. Or might both have the same nonID?
NY Henderson WLKC 100.7 Lake Country nonID, but does it have stereo? Station News, p. 24 [p. 22
NY Patchogue WALK-FM 97.5 rm, Coniglio,/
NY Rome WUUU 102.5 o, "Oldies 102" (from "U-102"), Hanlon, p. 22
NC Rocky Mount WTMG 100.7 Oldies 100.7 (from "New 100.7 FM"), Sittel, p. 25
OH Piqua WCLR 95.7 "Clear 95.7," Hall, p. 17
PA Renovo 93.1 calls still listed as WMHU, not WKHL, which it simulcasts, which is on 95.5; "Cool 95.5" misID must be in use by both stations, however; Monroe, p. 16
PA Tamaqua WMGH 105.5 rm, "Magic 105.5," Coniglio, p. 22 [ton, Station News, p. 20
SC St. George WKQB 107.5 ID with Charles-/
TN Sparta WSMT-FM 105.5 is stereo, Pugh, p. 25
VT Vergennes WIZN 106.7 rp, Nieman, p. 19 [19
VA Accomac WVES 99.3 mr format, Nieman, p./
WA Pasco KEYW 98.3 rj, Cherry, p. 20
AB Calgary CKIK 107.3 I show as p, not k, Cherry, p. 20—a format change?
ON Meaford CKNX-1 104.9 r, "FM-102," like its parent, Nieman, p. 19

New FM Station, Translator Grants

AL Centre 105.9 3000 watts horizontal and vertical; 100 meters above average terrain, Cherokee Bcstg. [Bcst. Associates
AL Uniontown 107.5 1430 h,v; 144 m, Union/
AZ Colorado City 107.1 64000 h,v; 356 m, Uzona Bcstg. Co.
AZ Paradise Valley (Scottsdale) 105.9 1000 h,v; 147 m, Scottsdale Talking Machine [Rock)
AR Hope K214BL *90.7 (KUAR 89.1 Little/
AR Monticello K220DM *91.9 (KUAR)
AR Texarkana 104.7 3000 h,v; 100 m, Jo-Al Bcstg., Inc.
AR Wilson [Memphis TN] KOSE-FM 103.7 6000 h,v; 100 m, Pollack Bcstg. Co.; (KOSE AM is in Osceola AR)
CA Fresno 99.3 3000 h,v; 100 m, Laura H. Norman, reversal of grant which favored Fresno FM [m, State of Oregon
CA Mount Shasta KNSQ *88.1 2300 h,v; 272/
CA Victorville *88.5 3000 h,v; -4 m, g, Faith Communications Corp. (see also "Deletions," below)
FL Coral Cove 107.9 3000 h,v; 100 m, C. C. FM Radio Partnership; reversal of grant which was to W. L. DiLucente

FL Jacksonville WIOI-FM1 100.7 8000 h, booster of Brunswick GA station; reinstatement of CP, with booster possibly becoming "main station," and "ironically, the decision comes a bit late for WIOI-FM. Having lost its bid for a better signal last year, the station has gone through three formats [and] leased its facility out to EZ Communications. EZ replaced WIOI-FM's two-month-old oldies format (competing directly with EZ's WKQL 96.9 with a simulcast of EZ's Jacksonville AM, news-talker WOKV 600). [Radio
FL PalmBay *90.3 100watts h,v;31 m, P. B./
GA Darien 107.7 50000 h,v; 150 m, Stewart Broadcasting—initial decision, subject to reversal [Voice of Christian Faith
IL Olney *88.1 130 watts h,v;62 m, g, Olney/
KY Marion WMJL-FM 102.7 3000 h,v; 100 m, Crittenden County Bcstg. Co.
KY Williamstown 106.5 3000 h,v; 100 m, Grant County Bcstrs. [m, Barbara Gretsch
MN Albany KASM-FM 105.5 3000 h,v; 100/
MN Duluth *97.3 40000 h,v; 167 m, MN Public Radio—its third grant in this market
MS Ebenezer (Goodman) 103.9 3000 h,v; 100 m, Jimbar Enterprises
MS Olive Branch (Memphis TN) 94.7 3000 h,v; 100 m, O. B. Bcstg. [ity Bcstg. Co.
MS Richton 96.5 6000 h,v; 100 m, Commun-/
MO Cuba 102.1 3000 h,v; 73 m, Lake Bcstg.
MO Pleasant Hope (Springfield) 92.5 50000 h,v; 150 m, PH Bcstg. Co. [m, S. Radio
MO Savannah (St. Joseph) 92.7 50000h,v; 150/
MT Bozeman *102.1 20400 h,v; 234 m, E. MT College [B. Benzra
NV Indian Springs 99.3 6000 h,v; -51 m, Claire/
NY Kingston *91.7 950 h,v; 83 m, d-a, g, Family Stations, Inc. (see also "Deletions")
NY Troy WAMC-1 *90.3, on air, power not announced (assumed 10 watts h). "It is needed, since the *90.3 transmitter site is on Mt. Greylock, far to the east in Massachusetts"; also testing on 89.9
NY West Point WKDT *89.3 10 watts, $[tereo] "is alive and on the air regularly," U. S. Military Academy, Army. "They have little to fear!" [American Media, Ltd.
NC FairBluff 105.3 3000h,v;100 m, Great/
OK Bixby (Tulsa) 105.3 3000 h,v; 100 m, John M. Singer [H. Martin
OR Sisters 104.1 1300 h,v; 216 m, Schuyler/
PA Ridgway WKBI-FM1 94.3 10 w booster
PA Spangler 97.3 1600 h,v; 137 m, Raymark
PA Telford WBMR *91.7 120 watts h,v; 76 m, $, but off the air. Applies for license renewal.
SC Walhalla WGOG-FM 96.3 6000 h,v; 100 m, Appalachian Bcstg. Co.
TN Columbia WAYM *88.7 3500 h,v; 155 m, gr, SW FL Community Radio
TN Paris WMUF-FM 94.1 3000 h,v; 100 m, Benton-Weatherford Bcstg. [Donnelly
TX Hallettsville 99.9 3000 h,v; 100 m, Tom/
TX McAllen *88.1 2100 h,v; 77 m, RGV Educational Bcstg.
TX Pearsall 94.1 3000 h,v; 91 m, John W. Barger
VA Petersburg 100.3 3000 h,v; 100 m, Sandra M. Adair Vaughan
WV Buckhannon W209AK *89.7 (WMBI-FM 90.1 Chicago IL, via satellite)
WV Fisher (12 km NE Petersburg) *103.7 6000 h,v; 100 m, g, Bible Bcstg. Network
WI Neillsville WISQ 92.7 3000 h,v; 100 m, J. H. Hackman [gan Bcstg. Corp.
WI Plymouth 104.5 3000 h,v; 100 m, Sheboy-/

Stereo—Or to be $tereo

AL Vernon WJEC 106.5, mr, ID with Fayette
FL Key Largo WZMQ 103.9, Spanish, l, relayer of WCMQ-FM 92.3 Hialeah FL, but temporarily off the air [102.5), k
FL Summerland Key WPIK 102.9 (not moving to/
GA Millen WMKO 94.9; its translator on 100.1 in Augusta barely heard in North Augusta SC; translator site at the old WRDW-TV tower, near the WRDW-TV 12 studio.
LA Monroe KEDM *90.3, cj, NPR, directional. "I put it on the air yesterday. This is the public station, while KNLU *88.7 Monroe is the student station."
MI Allegan WKGH 92.3, k, on air as a CP. "We expect soon to receive our license."
MI Whitehall WPBK-FM 97.5, k, traditional country, "K Country" (not strict). "This means the last independent AM station in Muskegon County (WPBK 1490) now has an FM, which the AM simulcasts 100%. AM is dead in Muskegon County!"
MS Utica WJXN-FM 92.9, o[ldies]
NY Fort Plain WLKO 101.1, simulcasting WBUG 1570 Amsterdam. "WLKO calls are heard just once an hour, and all of the news is Amsterdam news. I wonder if this is a permanent arrangement?" NonID: "WBUG."
NY Little Falls WOWB 105.5, rm
NY Whitehall WNYV 94.1, mr, not k as announced before; simulcasts its AM
OR Brownsville KGAL-FM 102.3
OR Phoenix KROG 105.1
TX Los Ybanez KYMI 107.9. The town appears in the 1990-91 Texas Almanac, and is 10 km SE of Lamesa, population 284.
TX South Padre Island KZSP 95.3, "Oldies 95 FM" (from "Z-95")
WI Sturgeon Bay WPFF *90.5

Call Letters Assigned or Changed

AL Linden 98.5 WINL (from WDAL)
AL Mobile *88.5 WBHY-FM (WAYF)
AL Montgomery 96.1 WLNE-FM (WLNE); WLNE (TV), channel 6, is in New Bedford MA-Providence RI. The FM's "format is b, mostly instrumental, one of the few around these days!"
AK Soldotna 96.5 KSLD (KUHK)
AZ Buckeye 105.9 KYNI
AZ Oro Valley 97.5 KVNM
CA Atwater 92.5 KVRQ (KVRK)
CA Bayside *91.5 KZPN [watts h,v (561 m)
CA Big Bear City 93.3 KBHR, to 60/
CA Essex 98.9 KHWY (KHIW), "Highway"
CA Freedom 107.5 KHTX (KPIG)
CA Hanford 107.5 KMMA (KZZF), r, "rock/AC," NonID: "Soft Rock"
CA Lindsay 103.3 KZPD
CA Morro Bay 99.7 KWWV (KWVD), "Wave"
CA Salinas 102.5 KDON"-FM" (KDON-FM; AM gets new calls)
CA Sutter Creek 101.7 KMAT
CO Colorado Springs *89.7 KEPC (KTLF) *90.5 KTLF (KEPC)
CO Security 105.5 KHII (KBZE), "K-High"
CO Snowmass Village 103.9 KSNO"-FM" (KSNO-FM; AM in Aspen gets new calls)
FL Cocoa 99.3 WLRQ"-FM" (WLRQ-FM; AM gets new calls) [sr, 50000 h,v; 140 m
FL Tallahassee 96.1 (from 95.9) WHBX (WTMG),/
GA Evans *92.3 WYFZ
GA Toccoa Falls *90.9 WRAF (WRAF-FM)
GA Wrens 96.7 WAKB-FM (WRDW-FM), s, $; with AM to return from bankruptcy as a 24-hour g station between Aug. and Oct.
ID Sun Valley *91.9 KFTN [[Blaze"
IL Chicago 103.5 WWBZ (WFYR), r, "The/
IN Anderson 97.9 WXXP (WLHN)
IN Bicknell 105.7 WUZR (WXSF)
IN Seymour 93.7 WQKC (WZZB), k, to 37000 h,v; 60 m
IN Syracuse 103.5 WAWC [h,v (109 m)
IN West Lafayette 101.3 WFUC, to 2500/
KS Norton 106.7 KVNV
KY Georgetown 103.1 WTKT-FM (WTKT)
KY Irvine 106.1 WCYO
LA Alexandria 93.9 KDKS (KWQI)
LA Breaux Bridge 96.5 KFTE
ME Kennebunk 99.3 WKME
MD Baltimore *96.7 WHPS (WHVY)
MD Grasonville 103.1 WHVY (WBEY)
MA Orange 97.3 WFUB
MA South Yarmouth 103.9 WVCU
MI Lansing 101.7 WLYY (WKKP)
MI Manistee 97.7 WMTE-FM (WRRK)
MI Zeeland *89.3 WGNB (WXYB)
MN Blackduck 98.3 WBJI
MN Duluth 101.7 KVNW
MN Spring Valley 104.3 KVNG
MS Cleveland 92.7 WDTL-FM (WQAZ)
MS Tupelo *88.3 WAFR [this summer
MO Kirksville 107.9 KVCV, g, expected on/
MO Ste. Genevieve 105.7 KSTZ (KNFX)
MT Bozeman 95.1 KMMS (KUUB-FM)
MT Great Falls 107.3 KFTC
NE Plattsmouth 106.5 KOTD-FM (KZPG)
NH Winchester 98.7 WKBK-FM (AM is in Keene)
NJ Trenton *88.1 WNJT-FM, on air
NM Roswell 104.7 KVNB [Poughkeepsie
NY Arlington 96.9 WKIP-FM (WEXT); AM is in/
NY Babylon 102.3 WBAB"-FM" (WBAB-FM; AM in Freeort gets new calls)
NY Briarcliff Manor 107.1 WXPS (WZFM), rp, "Express 107.1" (not strict), was "Magic 107"
NY Copenhagen 106.7 WWLF"-FM" (WZQC)
NY Cornith 93.5 WZZM"-FM" (WSCG)
NY Honeoye Falls 107.3 WFUD
NC Rose Hill 104.7 WBSY (WZYJ)
OH Delaware 107.9 WCEZ
OH Harrison 104.3 WVCZ
OH Montpelier 104.5 WLZZ (WYDF)
OH Oak Harbor 97.3 WFUA
OH Union City 97.5 WTGR (WBNN)
OK Alva 104.7 KVNR
OK Miami 100.9 KGLC-FM (KGLC)
PA Erie 103.7 WMXE (WCCK), "Mix-103.7"
PA Altoona 98.1 WFGY (WFBG-FM), k, "Froggy 98"; one of PA's last b stations bites the dust!
PA Boalsburg 92.9 WVCV
PA Covington 101.5 WHMU
PA Johnstown 96.5 WKQS"-FM" (WKQS-FM; AM gets new calls)
PA Mansfield 92.3 WMPA [h,v; 168 m
PA Nanticoke 92.1 WYOS (WEAY), to 670/
PA State College 94.5 WGGY
SC Loris 105.9 WVCO
SC Scranton 102.9 WJZX, to 2900 h,v; 142 m
SC Walterboro 105.3 WONO
SD Canton 102.7 KIXK (KIXS)
SD Huron 99.1 KGTR (KURO), o, Unis.
SD Milbank 104.3 KPHR (KMSD-FM), "Power 104" [h,v (100 m)
TN Loudon 105.3 WESK (WJDG), to 6000/
TN Memphis 101.1 KJMS (KHUL), "101 Jams"
TN Tullahoma 93.3 WHVK (WKQD), kr, "country rock"
TX Alice 92.1 KQNN (KOPY)
TX Austin 95.5 KKMJ-FM (KKMJ); AM is in Rollingwood TX
TX Floresville 94.1 KRIO-FM (KWCB); AM is in McAllen TX, now C2
TX Houston 97.9 KBXX (KFMK), sr, "The Box"
TX New Boston 103.5 KTKX (KTJB)
TX Quanah 100.9 KIXC"-FM" (KIXC-FM; AM gets new calls)
TX San Antonio 107.5 KXTN (KZVE)
TX Santa Fe *90.5 KFTG
TX Victoria 107.9 KIXS (KZEU), "Kicks 108"
VT Rutland 94.5 WYOY (WHWB-FM)
VA Newport News 97.3 WGH-FM (WGH)
WA Camas 94.7 KMUZ (KWQM)
WA Ellensburg *90.7 KNWR (KZUC)
WA Seattle 100.7 KWMX (KSEA), "Mix 101"
WA Tacoma 103.7 KMTT (KBRD), r, "The Mountain"
WV Barrackville 93.1 WVCW
WV Kingwood 107.9 WFSP-FM
WV Montgomery 93.3 WZKM
WV Point Pleasant 99.5 WBYG (WZYI)
WV Spencer 104.7 WVRC-FM
WI Eau Claire 100.7 WBIZ-FM (WBIZ), still "Z-100" (strict)
MB Winnipeg 97.5 CJKR (CKIS), op, "97.5 FM" (from "Kiss 97 FM")

Format Changes (Selected)

Formats are the same as in the "FM Atlas"

AL Birmingham WMJJ 96.5 o
AL Florence WQLT 107.3 o
AL Huntsville WAHR 99.1 rm
AR Ashdown KARQ 92.1 k, drops Texarkana ID, where it had a poor signal and not interested in a C3 upgrade to become "one of 14 Texarkana stations; much programming automated from studios at KDQN-FM 92.7 De Queen AR.
AR Springdale KCIZ 104.9 b
CA Fresno KSKS 93.7 rs, "Kiss FM"
CA Redondo Beach KFOX 93.5 ek. Popular Korean deejays Hwan Lee and In Hee Park are heard 7 a.m. to 5 p.m.; country at night.

73's, Bruce E.

PHOTO-NEWS

MAILING ADDRESS:
PHOTO-NEWS
12284 Nice Road
Akron New York 14001-9529

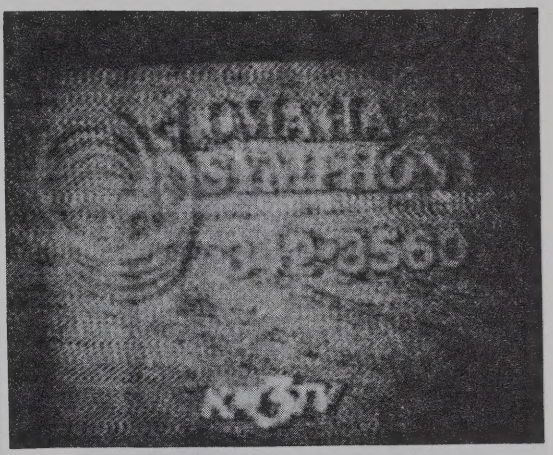
JUNE 1991

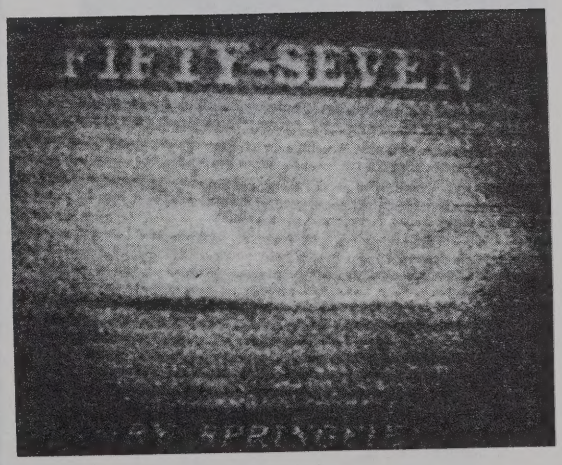
Welcome to new reporter; Howard Fountain - Cumming, Georgia. Howard snapped this photo of "TV MARTI" while vacationing on Marathon Key, Florida

TV MARTI
channel 13
taken at 0345
EDST

Bill Nienajadly - Clifton, New Jersey
Equipment: Color TV, VCR, Radio Shack (RS) rotor, RG-59 coax. RS U-120 UHF antenna, Winegard AC-4990 preamp at 80' on top of 3 story building located 12 miles from New York City.

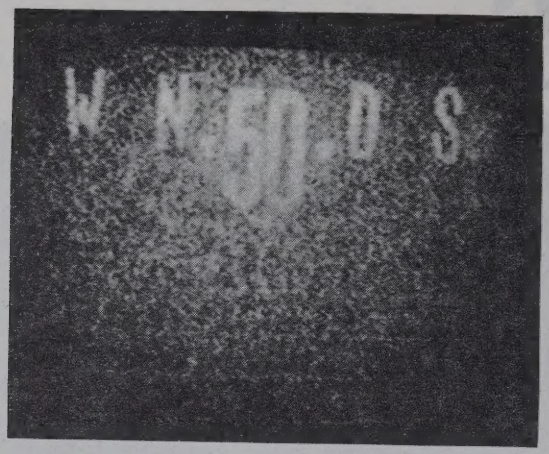
KMTV-3
Omaha, Nebraska
1200 mile E-skip
seen May 1990
(exact time & date unknown)



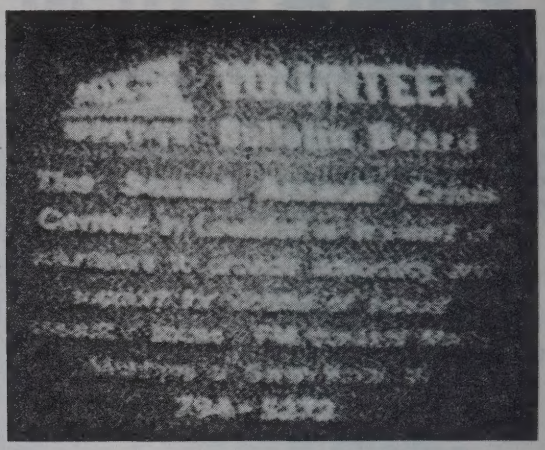


WGBY-57
Springfield,
Massachusetts
125 mile tropo
seen Jan. 29, 1991
at 2200 EDST

more from Bill Nienajadly.....



WNDS-50
Derry New Hampshire
195 mile tropo
seen Jan. 30 1991
at 0100 EDST

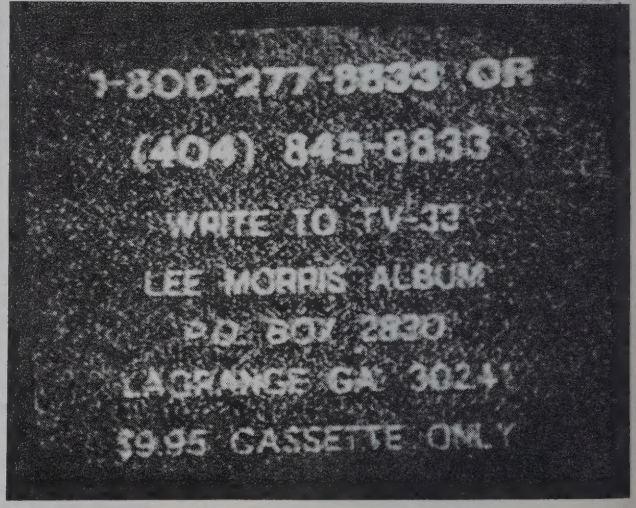


WPXT-51
Portland, Maine
282 mile tropo
seen Jan. 30 1991
at 0130 EDST

Jeff Kadet - Macomb, Illinois
Equipment: ICOM R7000 with video adapter, JVC & Panasonic monitors. Screened CM 7' dish with PA-4975 preamp, ½ aluminum hardline up 85'. CM 1110 with PA-1975 preamp, ½ aluminum hardline up 80'. Winegard 5 element lo-band yagi (vertically polarized) with RG-11 up 18'. He chex in with some GA LPTV.

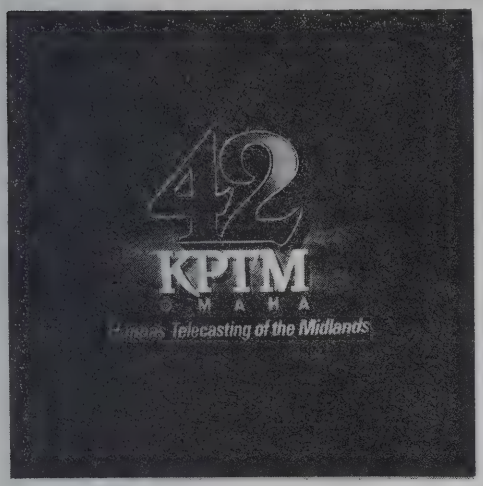
W67CI
Roswell, Georgia
555 mile tropo
seen Feb. 8 1991
at 2214 CDST

W33AT
La Grange, Georgia
615 mile tropo
seen Feb. 9 1991
at 0057 CDST

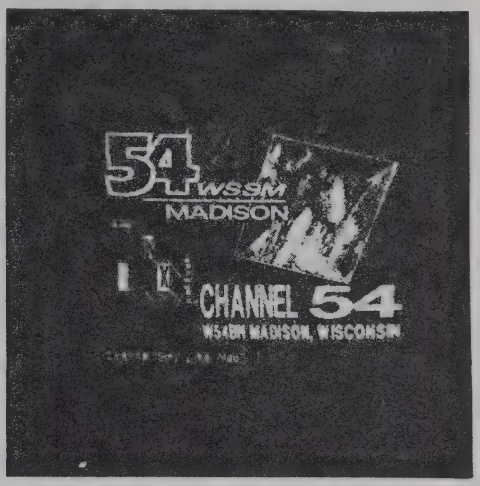


more from Jeff next time.

Next up is Bill Eckberg - Dixon, Illinois. Equipment: 1966 Zenith b&w tube type receiver model ch 14N22, modified Zenith 175-1962 detent tuner. CM 1110 VHF antenna. CM 7' UHF dish with RDX labs UA900 preamp on a 40' tower.



KPTM-42
Omaha, Nebraska
335 mile tropo
seen August, 1990



W54BH
Madison, Wisconsin
92 mile tropo
seen August 1990
"note WSSM non ID"

WYMT-57
Hazard, Kentucky
449 mile tropo
seen Aug. 26 1990
at 0105 CDT
"slide on all night"
more from Bill next month.

WOAC-67
Canton, Ohio
417 mile tropo
seen Aug. 27 1990
at 2330 CDT

Till next time.

DAVE

:SOUTHERN·FM DX:

JUNE 1991

Danny Buntin
1312 N. Skyline
Stillwater, OK 74075

DEADLINE: 14th

HOW'S DXING FROM THE 4000' ELEVATION IN CUBA?

Unlike March , April turned out to be a lean month for DXing, so few reports in for this month. Highlighted this month, though, is trop from the mountains of Cuba!

Well this summer let's have more reports from out of that kinder, more gentler part of the country for good DXing and that is small town mid-America. DXers residing there sure have it lucky with little or no local overloading with fewer very strong signals to DX in and around. So,if you're from there DX for all it's worth and please report.

Alain Pepin, 234 Boul.Montcalm, St. Jean (Quebec) J3B 3N8

These loggings should qualify as Southern FM DX. I should have got a good deal more on "La Gran Piedra" but I was on an organized excursion. Next time, I'll take a cab and spend the day. Sorry I don't know the frequency of CMKO-FM. I was scanning wildly and spent most of my efforts on Spanish on the hour. Numerous stations were coming in and I missed many. Some of them were not cooperative such as "FM 104.1". Big deal! All of the Daiquiri catches were easily heard on the "Big Rock". For more details read CIDX Messenger.

[FM] Alain Pepin DXing at Playa Daiquirí, Cuba (G.C.19 54'N, 75 36'W)
Rx: Aiwa TPR-132C. 28 km east of Santiago de Cuba, on the Caribbean sea.

EST	March					
1730	26/3	KLAS	89.3	JAMAICA:	Mandeville "BBC Caribbean report here on KLAS 89.3 FM"	(180)
0700	29/3	CMKB-FM	90.5	CUBA:	Santiago "CMBF Radio Musical Nacional" sign-on	(15)
0930	26/3	JBC2	92.1	JAMAICA:	Montego Bay "You're listening to JBC-FM stereo", Time	(180)
1726	26/3	JBC1	93.3	JAMAICA:	Spur Tree "Radio One" jingles between commercials	(180)
0800	27/3	CMKC-FM	93.9	CUBA:	Santiago National anthem. Sign-on: "CMKC R.Revolucion"	(15)
1815	26/3	RJR	94.5	JAMAICA:	Kingston Jingle: "The supreme sound, Radio RJR"	(155)
1715	26/3	Fame-FM	95.7	JAMAICA:	Montego Bay Jingle: "Fame FM. Michael Thompson"	(180)
1000	24/3	CMDB-FM	99.3	CUBA:	Santiago "Radio Progreso, la onda de la alegria"	(15)
1809	28/3	Waves	102.9	JAMAICA:	Montego Bay BBC news. ID: "This is Radio Waves	(180)
1800	27/3	Airy-FM	105.5	JAMAICA:	Arawak Commentary. "Grove Broadcasting Company"	(130)
1806	28/3	Airy-FM	107.7	JAMAICA:	Airy ID: "105.5 Arawak and 107.7 Airy FM"	(140)

[FM] Alain Pepin DXing at La Gran Piedra, Cuba (G.C.19 59'N, 75 35'W: Elevation 4000 feet)
Rx: Aiwa TPR-132C. 28 km east of Santiago de Cuba, part of the Sierra Maestra

28/3 Tr

1500	CMDV-FM	95.1	CUBA	Santiago	"CMDV Radio Siboney presenta..." (16)
1104	CMKX-FM	95.9	CUBA	Bayamo	"Radio Bayamo, cadena provincial en Granma" (75)
1110	WPCV	97.5	FL	Winter Haven	Central Florida weather on "97 Country WPCV" (680)
1158		98.1	FL	Titusville	"98 Frog forecast". "98.1 FM in Cocoa Beach" (680)
1159	WNFI	99.9	FL	Palatka	"30 minutes of non stop music on I-100" (760)
1154	WHJX	101.5	GA	Brunswick	"WHJX Brunswick/Jacksonville/St.Augustine" (850)
1207	AFRTS	102.1	CUBA	Guantanamo Bay	"Community bulletin board: events happening (30)
1205	WXLY	102.5	SC	Charleston	Charleston weather, jingle "102.5 WXLY" (921)
1200	CMKO-FM	??	CUBA	Holguín	"CMKO Radio Angulo en Holguín" very very fast (75)

Doug Allen, P. O. Box 5646, Woodland Park, CO 80866

Equipt.: Pioneer TX-9800(IF modified) & Pioneer TX-8500 II(IF modified), FM-13 at 42'

4/2 tr s and ms
0710 Salina & Wichita at 400 & 417 mi., fading during snowstorm
1000 WKQQ 98.1 KY Lexington,10 sec. burst
1715 KRSJ 100.5 CO Durango, best ever heard

4/5 tr s
0900 KAML 96.9 WY Gillette, regular on FM-13, TX-8500 combo

4/7 ms
0758 KKLR 94.5 MO Poplar Bluff, wx on 12 sec. burst.

4/9 qw
0905 KRMH 93.5 CO Leadville, noted off as per VUD
0909 KVNF 90.9 CO Paonia, good over cont. Divide
0907 KAVI 95.9 CO Rocky Ford, noted off as per VUD
0909 K240AB 95.9 CO Roaring Fork, "92.3 FM KJYE" CO #111

4/10 ms
1220 WXLP 96.9 IL Moline, "97X, the quad city's rocker"

4/14 tr 400 mi.
0615--strong tr to w. KS, weak to Salina

4/22 ms
0730 CKUA 93.7 AB Calgary, ID,10 sec.burst
0852 CKUA 93.7 AB Calgary, 40 sec. burst
0952 WCOZ 96.9 KY Paris,"Cozy 96.9 FM" 1111

4/23 ms
0945 WRAY 98.1 IN Princeton,"here in Gibson County"

4/23 ms
0950 WKQQ 98.1 KY Lexington, "news and sports at double Q"

4/25 tr & ms
0700 KKRX 98.1 OK Lawton, ID, full q 481
0710 K252AW 98.3 KS Tribune, also K252BY, Lamar CO KANZt
0720 K257DI 98.3 KS St. Francis, KZNAt
0725 K257BH 99.3 KS Garden City, KANZt
0730 K205BR 88.9 KS Colby, KZNAt
The above KANZ & KZNA translaters were simulcasting a "High Plains Public Radio" fund drive. They had seperate programing last year.
0749 KSWR 106.9 OK Clinton,"Star 107 KSWR"
0755 KATT 100.5 OK Okla. City,"the Cat" 476
0800 WABB 97.5 AL Mobile
0900 KCMEt 88.1 CO ?? new translator peaked SSE
0930 KOSU 91.7 OK Stillwater, weak
0945 KYQQ 106.5 KS Arkansas City, "Q106.5"
1004 KXLS 99.7 OK Alva, ID
1010 KKRX 98.1 OK Lawton, still in
1042 KANZ 91.1 KS Garden City, o/u strongest local KWBI
1050 KSD 93.7 MO St. Louis, ID, short burst
1053 WJFM 93.7 MI Grand Rapids,ID,short burst
1100 KKJQ 97.3 KS Garden City,o/local KBCO

4/26 ms
1150 WTXT 98.1 AL Fayette,"98 TXT" promo

4/29 ms
0802 KOYE 94.9 TX Laredo "Y95 KOYE" station #750

First real tropo off the year was in all morning the 25th with western KS exceptionally strong and seldom heard western OKla fair to good. Only slight enhancement on Amarillo, Enid, Wichita, Salina, etc. with the narrow OK duct extending down to Lawton. Last year's first tropo, not as good as this one, was the 24th. This is our snowiest month, and we've had three inches or more every few days with little of the warm weather that brings us tropo! I now split my time between FM, TV and ham DXing. Everything's two tables in my work/family room, including the three rotor controls! The directivity of the FM-13 made it possible to get separate peaks on the three 98.3 translators which were full quieting at the 200 mile range; I continue to be impressed by the antenna though Ed Hanlon is trying to design something even bigger and better! The Lyrids shower produced some good bursts during my morning listening. Hope the May Aquarids produces a few new ones! Though Es isn't my favorite mode, it's the most productive one, and should be here soon! 73

SOUTHERN FM DX IS FOR REPORTERS FROM: AL, AR, AZ, CA, CO, DC, DE, FL, GA, HI, KS, KY, LA, MD, MO, MS, NC, NM, NV, OK, SC, TN, TX, UT, VA & WV. Report today!

STATION BREAK

FLEA MARKET BOOK SALE—FM Atlas Publishing, Box 336, Esko MN 55733-0336 USA: Broadcasting Yearbook 1988 $5 plus $3 shipping; our last keypunched FM station computer list, run June 23, 1986, U.S. stations and translators mixed geographically, $2 postpaid; European FM Handbook 1989 by Timo Leponiemi, 168 pp. with maps, $3 postpaid; "Go Public! The Traveler's Guide to Non-Commercial Radio," Natalie McClendon's one and only jab at radio guide publishing, very professional, comb bound with maps, 1987, 220 pp., $4 postpaid; "The Traveler's Country Music Radio Atlas," 1989, 80 pp., $1.50 postpaid; "Man of High Fidelity: Edwin Howard Armstrong," the original Bantam paperback, 272 pp. $3 postpaid; "DXer's Directory," 1986 by Fred Osterman, 98 pp. $2 postpaid; Bob Grove's "Communications Monitoring" with receiver enhancing money-saving projects, 1979, 117 pp., $1.50 postpaid; "Educational AM and FM Radio and Education Television Stations by State and City," U.S. Dept. of Health, Education and Welfare, 1963, very rare, 29 pp., $2 postpaid; WRTVH 1989 $2.50 postpaid; "Desktop Publishing: The Awful Truth" by Jeffery R. Parnau, 1989, $2 postpaid; "Eliminating Engine Interference" (to mobile reception), Sams publication, 1976, 128 pp., $2.25 postpaid; "WTFDA North American Television Data Base," first edition, 1987 by W. B. Fahber $3 postpaid; "Selected European FM Radio Stations," 1986 by Mike Dorner, Jr., listed by frequency full page format about 25 pages, $1.75 postpaid; "Highway Radio" by Wm. J. Stank, with maps showing highways and AM and FM stations, 1989, a current CRB Publication, $3 postpaid; Dataworld AM station database from the FCC by frequency, 1987, $4 postpaid. "FM Atlas" 2nd ed. revised 1973 $2.50 postpaid; 11th ed., 1988, $7.50 postpaid. If the item you want is sold, mention if you will accept a substitute at about the same price. Canadians add $2 to each item shipping.

WESTERN TV-DX

Fred McCormack
Box 17860
St. Paul MN 55117-7860

June 1991

Deadline: 07-11-91
Cut-off: 04-01-91

New____ New Mode_ _ Tent. - t Unidentified - unid S/On - + S/off - =
ID Color Bars - @ Unid Color Bars - % Misc. Test Patterns - &
Parallel Programming - // MTS Stereo - $

CMT Country Music Television HSS Home Shopping Spree
HSC Home Shopping Club VJN Video Jukebox Network

Frank Merrill, P.O. Box 669, Macomb IL 61455 (309-833-2661) CST/CDT

February 1991

7 tr 1842 KABY 9 SD 488
(Rare)
KHNE 29 NE 391
1914 KSAX 42 MN 428
KXLI 41 MN 400
(Mpls 23/41/47)
1932 WLEF 36 WI 379
2000 KYNE 26 NE 286
K33AC 33 NE 270
(Pawnee City KYNE-26)
2059 KCAN 8 NE 375
(Rare)
KXLT 47 MN 264
2222 KHOG 29 AR 359
2227 K45CQ 45 IA 281
(Council Bluffs TBN)
2330 KAWB 22 MN 455
2359 K61FF 61 IA 115
(Cedar Rapids TBN)
8 tr 0050 KITN 29 MN 342
0059 K48AA 48 MN 350
(St. James STV)
K53CH 53 MN 340
(St. Paul religion)
K55FL 55 IA 300
(Spencer KMEG-14)
0102 KSFY 13 SD 369
K32AF 32 MN 350
(St. James KSTP- 5)
0212 OKC UHF's 505
0300 CITY 57 ON 616
@CBLN4 45 ON 540
CBLFT 25 ON 616
(3/4 CB w/clock)
0315 @CFTO 9 ON 616
WSFJ 51 OH 434
WPGH 53 PA 557
0325 CKCO 13 ON 552
0332 CIII27 27 ON 684
CFMT 47 ON 616

8 tr 0332 WTVO 17 IL 147
(All night HSS)
WMBD 31 IL 58
(See Note # 1)
0439 CICA 19 ON 616
(See Note # 2)
0450 K/W68-- 68 ??
(Unknown TBN)
(St. Louis hdg)
1606 W48AP 48 OH 377
(Toledo LPTV)
1650 WAFF 48 AL 455
WZDX 54 AL 453
1718 @K69FN 69 MO 135
(St. Louis LPTV)
WNEO 45 OH 509
WEAO 49 OH 472
W50BE 50 OH 444
(Mansfield LPTV)
WSBN 47 VA 496
WGGN 52 OH 414
WPGH 53 PA 557
(Snow free)
1730 WJFB 66 TN 375
(See Note # 3)
WOAC 67 OH 490
1800 WMPB 67 MD 735
1824 WTJP 60 AL 512
1834 WTJC 26 OH 359
(See Note # 4)
WJHLt 11 TN
(Only strng CCI)
WKPT 19 TN 536
1944 WJW 8 OH 469
2002 @WINM 63 IN 311
WVEU 69 GA 575
also chs 36, 46
WBMG 42 AL 525
(Best ever seen)
2009 *WALBt 10 GA*
(See Note # 5)
WMSY 52 VA 546

8 tr 2225 W67CI 67 GA 560
(Roswell LPTV)
(See Note # 6)
2230 W62BG 62 AL 525
(Birmingham 17/21/44)
(See Note # 7)
2305 =WBIQ 10 AL 525
2335 WHOA 32 AL 608
(Almost snowfree
w/ WFLD CCI)
2342 WJSP 28 GA 618
WTRT 26 AL 434
(Rare on crowded
channel)
2344 =WTLK 14 GA 521
9 tr 0023 W34AG 34 GA 521
(Rome WTLK-14)
(See Note # 8)
0035 WLTZ 38 GA 637
0125 W55BM 55 GA 555
(Marietta VJN)
0158 W22AU 22 TN 490
(Sevierville HSC)
0228 W33AT 33 GA 620
(La Grange CMT)
0232 W29AO 29 AL 510
(Anniston WBRC- 6)
0236 WPMI 15 AL 698
0249 WBIR 10 TN 475
0405 WXTX 54 GA 637
0425 WTVC 9 TN 466
0444 K/W21-- 21 ??
(Unknown HSS)
(St. Louis hdg)
0500 WDCO 29 GA 685
(// WCLP-18)

April 1991
17 tr 2100 WJYS 62 IN 200
(See Note # 9)
Es 2207 WESH 2 FL 952
(See Note #10)

Note # 1 - Was all night with CBS Nightwatch during the war.
Note # 2 - With fancy ID testcard and classical music.
Note # 3 - Higher power now? (Reportedly 2250 kW. fm)
Note # 4 - With Home Shopping Club. No longer religious?
Note # 5 - 10 Hz CCI against WTHI, proper direction, NBC programming.
Note # 6 - With ACTS, IDs as "WCI-TV".
Note # 7 - Apparently WTTO-21 already bought 17 and 44. (I don't think that would be approved. However, WDBB-17 has requested assignment of the license for W62BG to WTTO. fm)
Note # 8 - WTLK-14 test pattern with "34" in lower right (but WTLK-14 not testing at this time!)
Note # 9 - With Home Shopping Spree. I didn't want to log this. (Hammond IN fm)

Frank Merrill (continued)

Note #10 - YES, the season is starting.

Quite a delight to see such a stellar tropo opening at a time of year that is so notoriously poor for DX! Another classic example of the potential of winter tropo; openings are obviously much rarer than summertime openings, but seem more likely to produce 600 plus hauls when they do happen. Such openings often penetrate into the "deep south" as they are usually caused by the intrusion of humid Gulf air. Georgia and Alabama were new translator-LPTV states for me giving me a total of, I think, 22 states logged via these small stations. I still need W51AB, Flintstone, Georgia, which Jeff has seen a number of times.

I am not technically ready for the E skip season yet, as my lowband vertical Finco (?) yagi suffered from a tornado which tore into Macomb on March 25th. I missed the tornado because I was in Roanoke, Virginia which was just as well, I guess. I've been trying to replace it with another low-bander OR a full-band VHF also to be mounted vertically, but am having trouble getting any antenna to "come in" because nobody in or near Macomb has deep-fringe or specialized antennas in stock (they have to order them), and the TV people I'm dealing with cannot even get the suppliers to call them back. Frustrating! But this should be solved soon. The 40 foot tower and its antenna survived the storm, but the 70 foot tower located at the place where I rented an apartment from 1985 to 1987 (and where I participated in the Thanksgiving Feast of 1986) came down, and the "curley-cued" elements on the ruined FM antenna tell me that, in fact, it was a tornado.

My station total now 1070 or 1075. 7 tea trees.

Doug Allen, P.O. Box 5646, Woodland Park CO 80866 (W2CRS) (719-687-3549) MDT

April 1991

14 tr 0430 K04JD 4 CO 62
(Buena Vista KWGN- 2)
0432 K06HF 6 CO 62
(Buena Vista KUSA- 9)
20 tr 1730 KKTU 33 WY 150
25 tr 0659 KLOE 10 KS 191
25 tr 0700 KWET 12 OK 378
0830 KSNG 11 KS 242
(Over KKTV-11)
KTVC 6 KS 272
(Over KRMA- 6)
1000 *KHNEt 29 NE*
25 tr 1008 *KSASt 24 KS*
27 tr 0330 K06DA 6 CO 59
(Alma KCNC- 4)
0335 K13FN 13 CO 59
(Alma KUSA- 9)
0340 K06HF 6 CO 62

Finally got the P-7 up on the tower April 20th. Knew it was working right away as channel 33 in Cheyenne at 150 miles was strong (all the time). It was very snowy with Y-44G, a so called "extreme fringe area" antenna and same preamplifier. I'm sure the P-5, only a "fringe area" antenna would also be much better than the Y-44G! So much for advertising hype!

The first tropo of the season brought in Oklahoma on channel 12 until KBDI signed on at 1000. The western Kansas stations were very strong, and despite little enhancement beyond western Kansas, I could tell Hastings and Wichita would be in the log soon!

Have never found channel 4 silent, but it was testing with only a few Watts judging by their almost non-existent signal April 14th. Allowed me to receive the translator for the first time.

Can V/U TV DX, FM DX, and DX on ham frequencies at my comfortable work/family room location for the first time, so I expect to report regularly!

Good DX'ing & 73, Doug

Glenn Hauser, Box 1684, Enid OK 73702

Answering Michael Parks - Yes, KSBI-52, Oklahoma City, has been on for a few years, but on very limited schedule. For the initial months it was weekdays 0900-1130 only. For past year or more it has been daily 1900-2200 only, give or take half an hour, exclusively with preachers, primarily Oral Roberts, dipping back into ancient black and white pre-earlobe files in his prime. Often runs color bars after sign/off. Station has never been listed in Daily Oklahoman or TV Guide, and many Citians likely are unaware it exists. Site is at a warehouse on southeast side of Oklahoma City, much further from here than all other Oklahoma City stations on northeast side; coupled with lower power, this makes it marginal under normal conditions and very much subject to tropo enhancement. Station seems to have no ambition to be noticed or become full time, or even to be sold at a profit.

Meanwhile, with a new governor, David Walters; OETA's empire-building director, Bob Allen again has his eye on acquiring KAUT-43 (Fox) as another OETA outlet.

A couple people have suggested my Telemundo tentative must not have been on channel 2! -- but that is one thing about which I am absolutely certain. 73, gh

EASTERN TV·DX

Bill Nienajadly
PO Box 2999
Clifton NJ 07015-2999
201-478-3044

JUNE 1991 Cut off 3 months from deadline deadline; JULY 5 1991

Some nice coastal tropo for some and nice troposcatter from CT and Eastern Long Island to the Buffalo area. Plus other goodies.

Hopefully by the time you read this, E-Skip should have occured with vengence on Memorial Day Keep checking, good luck & report to ETVDX with your fine DX catches!

Matt Sittel PO Box 21347, 303J Wood Hall, NCSU, Raleigh NC 27607 (919) 833-1153

1991

1/15 Tr 0720 WHMM very weak.
4/4 Tr 0241-0900 A great opening for my 21st birthday! DC on 20 & 26, and WNVT-53. Tentative WHSW-24. Also Columbia SC on 19,35,57. Also rare WUNG-58!
4/16 Tr 0650-0900 Super fog related opening! 20 & 32 DC, but the best signals were from the coast. Rarely seen 16 & 47 Salisbury MD, 61 Wilmington, DE and the infamous Onancock -VA xltrs. New logs for me were W41AC (WAVY-10), W44AD (WIKR-3), & W60AL (WVEC-13) I was amazed to see them! Also UNIDs on 52 & 63. Not sure if these were weaker xltrs or perhaps something else.

I haven't reported in awhile because there was has been very little DX here. It is unusual to see so little. I wonder if the weather patterns have had something to do with it...being a meteorology major, I've looked for a correlation between weather and DX- it'd make a nice job -hi! Thanks are in order for Bill Nienajadly (I've heard that name somewhere before- hi! BN) -who called 4/16 to tip me off to that great opening. I sure appreciate fellow DXers helping out with tips! (Glad to see my call was somewhat helpful hi!-BN) Fell free to call me 24 hours a day...I mean it! I'll be glad to return the favor if DX warrants. (Matt, please call me if you see NYC U's snowfree or if you see WNJM-50 hi-BN). It's great that others call with DX tips -we can have to help each other when we can! (UHF Solidairity!-BN) I hope everyone gets lots of skip this summer! I'll be somewhere in Raleigh-so hopefully mail will be forwarded. 73's
Matt

Christopher S Dunne 21541 NW 8 CT Box81 Pembroke Pines FL 33029

1991

4/21 Tr 0100 W36AQ 36 FL 57 Jukebox from West Palm Beach-new
4/22 Tr 2100 9 & 13 CUBA 210? 13 had musical variety program
2100+ TR-- 11 CUBA // 13 possibly from Salon, 300 mi aprox
2300 CV 3 CUBA 119 Finally logged this one- had opera: possibly from S. Clara 230
4/26 Tr 0100 W16?? 16 FL unid LPTV- had in lower right.."TV 16" w/"TV" on top of "16" probably W16AR Stuart at 80 mi
(I will write you back or call ASAP hi-BN)

Mike Bugaj 69 Sherman Road Enfield CT 06082

WHCT-18 went off the air for good on (April) 10th. A federal judge ordered them off the air to sell thier equipment, etc, to pay off creditors. They signed off at 4pm. It is said at least 5 parties are interested in ch 18, it will be months, if not longer, before ch 18 comes on again.

A new LPTV signed on. WCL-TV-12 located in Suffield CT, they run movies, etc during the evening and their antenna is located in W.Suffield on a telephone pole. Signal here (about 10 mi east of them) is fair/poor. This is CT's third LPTV w/W13BF in Hartford & w28HA in W.Haven.

Also, & strangest of all, WTIC is now broadcasting on ch 11. A friend of mine in Middletown told me he no longer could get WPIX-11 down there because of it. And he wasn't happy. Ch 11 has a good signal here. I was working at WTIC-61 yesterday & asked 3 people there what was going on and the responses were amazing. After asking the receptionist, she told me (regarding WPIX) "They don't got that channel anymore. We got that channel now". Another guy said that there were 2 reasons why WTIC is using ch 11. One was to cover areas where WTIC puts out a poor signal. He couln't remember the other reason. However, since we've noticed that the news on ch 11 has Spanish audio, you might assume that ch 11 is aimed at the urban hispanic population in Hartford. The third person I talked to said that ch 11 was only on for the news. Wrong, How about all day & night, all week? Mike

(Perhaps somehow WPIX was giving WTIC competition of sorts and they decided to broadcast on ch 11 to 'block out' WPIX -BN)

MORE TV DX TO COME TURN THE PAGE AND ENJOY!!!!!

Dave Nieman 12284 Nice Road Akron NY 14001-9529

March 1991

30	TrS	1330	WMPT-22	MD	291	3	TrS	0800	WDCA-20	DC	287	20	TrS	1000	WLYH-15	PA	215
		1400	WETA-26	DC	287			0900	WLVT-39	PA	230			1252	WHSW-24	MD	270
		1430	WNJS-23	NJ	294	7	TrS	0716	WVIT-30	CT	303			1417	WNUV-54	MD	270
31	TrS	0800	WXXA-23	NY	230			0830	WTIC-61	CT	303			1428	WPMT-43	PA	226
		0845	WTBY-54	NY	247	10	TrS	0929	WADL-38	MI	223			1500	WPVI- 6	PA	264
		0913	WLIG-55	NY	322			0931	WGPR-62	MI	238			1540	WTVE-51	PA	226
		1000	WTWS-26	CT	324	12	TrS	1000	WUPW-36	OH	267	21	TrS	0947	WBFF-45	MD	269
		1700	WXON-20	MI	245	13	Tr	0800	WGTE-30	OH	266			1627	WHSP-65	NJ	294
April 1991						17	TrS	1329	WNPI-18	NY	211	22	TrS	1550	WNJT-52	NJ	271
1	TrS	0830	WKAR-23	MI	299			1400	WETK-33	VT	304			1753	WHSE-68	(NY)	279
		1100	WVNY-22	VT	304			1430	CFJP-35	PQ	300	23	Tr	0430	CIII22-22	ON	211
2	TrS	0900	WETK-33	VT	304	18	TrS	0721	CIVO-30	PQ	219	25	Tr	0728	WAKC-23	OH	205
		1329	WTXX-20	CT	299			0730	CHOT-40	PQ	219			1800	WGGN-52	OH	244
		1348	WHSI-67	NY	320			0730	CICO24-24	(PQ)	219			2000	WNWO-24	OH	262
														2046	WBGU-27	OH	303
														2100	W41AP	??	???

Equipment: RCA 19" b&w with Teknika 6510 tuner, Channel Master 7' UHF dish with Blonder-Tongue CMA-Ub preamp on crankup tower at 33', using 3617B for VHF at 23' and RG-11 coax leadin on both antenna.

Bill this is my first report to you since you've taken over the Eastern TV column. W41AP is in Ohio I think, Sandusky but not sure. Only one new this time and the rest are just the usual troposcatter. Dave

---

Bob Smolarek 156 Oldwick Rd Whitehouse Station NJ 08889

Equipment: 1981 Magnavox TV, 8 Bay UHF Antenna & Channel Master UHF Amp Model 7475

April 1991

30 Tr 2307 WIVE 51 PA 64
2308 WGCB 49 PA 110
2309 W46— PA 36
WGBS-57 xltr-s/f
2310 WLVT 39 PA 36
-s/f finally
2311 WPMT 43 PA 107
2311 WHTM 27 PA 118
2312 WHP 21 PA 113
over WLIW

30 Tr 2313 Scranton U's up
2325 WBFF 45 MD 135
2333 WHSW 24 MD 142
2336 WITF 33 PA 112

May 1991

1 Tr 0724 WIZA 62 NY 105
0725 WLIG 55 NY 98

1 Tr 0725 WLIG Super Strong & Overloading!
NY U's Super Strong
25,31,41,47,
0725+W60AI NYC NY -s/f
0735 WIWS 26 CT -s/f

It sure looks like the trop season is off to a good start May 1st was HOT on FM too.

ED NOTES: John Combs regrets that due to computer problems, he is currently unable to do his DX Distance printouts. Anyone who sent a check/money order will have it returned. John hopes to resume his DX printouts in the near future.-BN

Station News: More about Philly LPTV ch 7: Transmitter is located atop Liberty Plaza in down town Philadelphia & is directional West. They have been running a TP (Test Pattern) but no calls & no phone #, no power output info. Supplied by NRC Musings editor Dave Schmidt who is also CE of WXCY 103.7 & reports are welcomed at WXCY. I hope Dave joins the WTFDA -BN

Eric Voyko 1721 Dalewood Place, McLean VA 22101

Equipment: VHF Channel Master Quantam 1110 @ 30' AG. RG-11 Coax, Archerotor
UHF CM Parascope #4250 @ 35' AG. Winegard PA-4975 Amp. Winegard UT-2700 Traps for channels (20,26,32,50,56) RG-11 Coax, Archerotor, TV Zenith SG-2795BG

4/7/91 Tr 0730 WUNP 36 NC + WPTF 28 - - -4/16/91 Tr 0600-0630 Philly U's, WMGM-40-NJ, Norfolk -27 & 33 + WHRO 15 VA near s/f - - - - 4/17/91 0440-0700 NC s/f: WLFL-22,WPTF-28, WUNP-36 WKFT-40, Only snowy were WAAP-16 & WYED-17, also W34AX in color for the duration of the opening! Wrapped up the morning with WUNJ-39 @ 320 mi approx. No color, but had good audio for 2nd longest trop yet. (Eric, Iseen them last year, at 517 mi, there my longest-BN)- - - - - 4/20/91 1800 WAZT 28 VA (I think they are still W28AL-BN) - - - - 4/23-27/91 ..Quantum installed, finally back on VHF & suffering major interferance from locals 4-5-7-9. A few good nights I logged new stations: WCAU-10-PA, WRIC-8-VA & WHSV 3 VA. Tropo reception to the north (thru local TV & FM) will likely be severly handicapped, while stations to the south look like my best shot, WWBT-12 noted every night since installation - - - - 4/28/91 2200 Exceptional GW Salisbury 16-28-47-s/f, WTGI-61(NJ) (xmtr in NJ-BN)-s/f & bleeding over on ch 60, while Philly U's remained weak, nothing better however- - - - 5/1/91 2230 WYBE-35-PA & w regulars 17,29,57 & 61 Philly area

NORTHERN FM-DX

GREG CONIGLIO
5100 GLENWOOD DRIVE
WILLIAMSVILLE, NY 14221

FOR DXers in: Canada,ME,VT,NH,MA,CT,RI,NY,PA,NJ,OH,MI,IN,IL,WI,MN,IA,NE,SD,ND,MT,ID,WA, and OR

JUNE 1991→→LOG CUTOFF-2 months from postmark→→ DEADLINE: The 5th

No skip reported or seen yet, as of May 12. Hopefully the late start is not a sign of poor things to come (I doubt it; things were late getting under way last May, but look how May turned out! Most of the reports this month are of DXers taking advantage of TrS and MS during the off season. But there was a nice auroral opening heard by some late in March, and two good trop openings: February 8, affecting the midwest, and an opening in New Jersey May 1 to coincide with the big fog outbreak, let's hear your DX!...

FRANK MERRILL - P.O. BOX 669 - MACOMB, ILLINOIS 61455

Equipment: McIntosh MR78, Channel master "Stereo Probe 9" at 45 feet

FEBRUARY 1991 DX

8 Tr

0200-0500 TV Tr to SD, OK, and Peterburough ONT, negligible effect on FM
1650 WPTW 95.7 OH Piqua 340
1650 WLAC 105.9 TN Nashville, these 2 at full quieting, 8 on meter 360
1709 WEJT 105.1 IL Shlebyville, the new 105.1 WEJT, o, talk between songs 180
1712 WHZT 105.9 IL Mahomet, "Eat me! You're on WHZT!" 140
1757 WRVY 100.5 IL Henry, calls 90
1944 WBST 92.1 IN Muncie, classical music paralleled with Ralph Strobel on phone 277
2048 WOKZ 104.9 IN Muncie, KZ105, and gave some high school scores w/Muncie 277
2138 WZZK 104.7 AL Birmingham, ph# 741-9105, top ten requests 525

8 Tr cont:2212 WRZQ 107.3 IN Greensburg, calls snuck in on this messy frequency 280
2221 WAXI 104.9 IN Rockville, promo, m "Stardust 104.9 WAXI" 185

9 Tr

0004 WTSH 107.1 GA Rockmart, South 107 Georgia's official country music stn 540
0039 WQRK 105.5 IN Bedford, Q-105, contest registration at Bloomington, WJVO-IL off2300100
WQTY 93.5 IN Linton, WBTO (1600 AM) and WQTY legal ID, LONG sought! 205
0200 WFPK 91.9 KY Louisville, "The Library" legal IDs, rare 290
0305 WSTH 106.1 AL Alexander City, South 106 WSTH AM and FM (AM is in GA) 610
0311 WJIS 88.1 FL Bradenton, via MS 1000
0347 WMJJ 96.5 AL Birmingham, Birmigham's best music, Magic 96 "Good TV tropo this morning to Mobile" (Frank,note calls-gc)

What a delight to have a good Tr opening in the "worst month" for DX! This is an example of classic winter tropo, which of course is much rarer that its summer counterpart, but is usually quite good on the rare occasion that it does happen. I was quite surprised to hear Muncie kicking WCAZ Carthage out of Illinois on 92.1 because they're only 30 miles away, virtually 180° (off the back of the antenna) from Muncie, and I'm almost sure that they had already gone to their 25,000 CP. I thought I was done for with Tr on that channel. Other highlights were WOKZ 104.9 (with WXCL, 60 miles same direction, nowhere to be found) and WAXI likewise, WZZK (because 104.7 has a CP for Bushnell, only 10 miles from here), WMUB (tough with WBNH and WGCA both 60 miles away and all night, WQTY (tried for many, many times) and WSTH (WSMI not yet all night). A tornado went thorugh Macomb on March 25 (I was in Roanoke, Viriginia - I guess it is just as well I missed it), and my 40 foot tower and its antennas survivded, but it finished the job on the LOW stereo probe 9 (my "skip antenna" mounted only 8 feet off the ground), which must be replaced before the season is in swing! Without it, at least 1/3 of the Es that is log would be buried under semi locals (because the 45 foot height doesn't do much extra for Es, but provides probably 10-15 db more gain for groundwave stuff), and with the FCC being so trigger happy with CPs and upgrades, more and more frequencies are getting hurt in this area. Hoping for CA on Es this year! KZAL-105.5 is the only CA within 1450 miles and with a significant ERP on a truly open frequency here! 7 Tea Trees

BILL NIENAJADLY - PO BOX 2999 - CLIFTON, NEW JERSEY 07015

Equipment: Audiovox Analog AM/FM/8 track AFC defeated and modified with 2 150 khz filters, 10 db FM car antenna amp, antenna in wind shield.

I noticed WAWZ 99.1 Zarepath, NJ off from April 22nd to 23rd at 1800 approx. With my modified car radio and 10db amp I noticed WPLR 99.1 New Haven, CT. Generally weak, at times strong and also WAAL 99.1 Binghamton (rare),NY (150 miles) cutting in on WPLR while driving around Clifton. I also noticed a big band station also cutting in. (WPLM?) I didn't have time to fully take advantage of all this at home (too busy). DX on average, poor so far. (Bill called and said after he sent this he noted WDHA 105.5 off the air and caught WMJV 105.5 Paterson, NY-gc)

DAVE NIEMAN-12284 NICE ROAD-AKRON NY 14001

Equipment: Carver TX-11 modified with three 150khz IF filters, Heathkit AA-1214 audio amp. Antenna is a Channel Master 4408 at 31' on crankup tower. RG-11 coax leadin. New to log underlined.

March 1991 DX

29 troposcatter
0826 WRDR 104.9 NJ Egg Harbor City, call, m$ 309

30 troposcatter
0851 WMGM 103.7 NJ Atlantic City, call+ Sunny-103.7, r$ 321
1031 WXCY 103.7 MD Havre de Grace, call, k$ 262

31 troposcatter
0830 WAWZ 99.1 NJ Zasephath, call, g$ 262
1700 WFRO 99.1 OH Fremont, ID, j$ 266

APRIL 1991 DX

1 troposcatter&meteorscatter
0820 WNIC 100.3 MI Dearborn, call, r$ 254
1033 CIOO 100.1 NS Halifax, C-100-FM, $ 749

2 troposcatter
1356 WLTW 106.7 NY New York, call, mr$ 280
1358 WNTI 91.9 NJ Hackettstown, call, nx/spx $ 240

3 troposcatter
0800 WGTS 91.9 MD Takoma Park, ID, c$ 288

9 troposcatter
0817 WRQK 106.9 OH Canton, "Rock-107", r$ 213
0822 WMRN 106.9 OH Marion, "Country-107", k$ 292
0900 WRIJ 106.9 PA Masontown, ID, g$ 236
0903 WAFX 106.9 VA Suffolk, "The Fox", op$ 442
1404 CKAT 101.9 ON North Bay, call, k$ 218
1405 CKBY 105.3 ON Ottawa, call, k$ 219
1412 WPAC 92.7 NY Ogdensburg,call+pac93, r$ 183

10 troposcatter&groundwave
0941 WHCM 99.1 WV Parkersburg,Counrty-99,k$ 296
1038 CJFT 101.1 ON Fort Erie, testing//530 AM,m$22

11 troposcatter
1054 WIOT 104.7 OH Toledo, call, r$ 266

12 troposcatter
1016 WJIM 97.5 MI Lansing, "easy-97.5"+call, mr$ 297

13 troposcatter
1600 WNIR 100.1 OH Kent, ID, t mono 203
1700 WMGG 99.7 OH Columbus, call, r$ 312
1717 WHOK 95.5 OH Lancaster, "K-95.5", k$ 317
1800 WKTL 90.7 OH Struthers, ID, e$ 179
1801 CBOF 90.7 ON Ottawa, call, t FF mono 219

APRIL 1991 DX continued

17 troposcatter
0836 CKMF 94.3 PQ Montreal, call FF, r$ 300
1400 CJFM 95.9 PQ Montreal, call+FM-96, r$ 300
1600 WFMK 99.1 MI E. Lansing, ID+ lite rock-99.1, r$ 299

18 troposcatter
0726 CHEZ 106.1 ON Ottawa, "chez", r$ 219

19 troposcatter
1401 WDSD 94.7 DE Dover, call, k$ 305
1418 WUFM 100.1 PA Lebanon, call, r$ 215
1626 WMZQ 98.7 DC Washington, call traffic watch $ 288
1656 WVAQ 101.9 WV Morgantown, call, r$ 235

20 troposcatter
0838 WCXR 105.9 VA Woodbridge, call, op$ 304
1017 WMMR 93.3 PA Philadelphia, call public affairs $ 264

21 troposcatter
0900 WKDN 106.9 NJ Camden, ID, g$ 294
0934 WVES 99.3 VA Accomac, call m $, (prev aurora) 389
1643 W___ 99.7 PA Mt. Carmel, WHOT call, r$ 171
full power repeater for WHTO 103.9 Muncy PA

22 troposcatter
1528 WPGC 95.5 MD Morningside, call, s$ 303
1539 WCVT 89.7 MD Towson, call, j$ 268
1715 WFME 94.7 NJ Newark, call "Shadow Traffic" report $ 267
1721 WPST 97.5 NJ Trenton, call, r$ 271

23 troposcatter
0446 CFMO 93.9 ON Ottawa, call+FM-94, b$ 219
0833 WUGN 99.7 MI Midland, call, g$ 297
1100 WHKO 99.1 OH Dayton, ID+K-99.1, k$ 371
1937 WIZN 106.7 VT Vergennes, call, op$ 270

24 troposcatter
1441 CBF9 91.9 PQ Mont-Laurier, FF t mono 283

25 meteorscatter&tropo
0835 WMBV 91.9 AL Dixons Mills, call, $ 914
2200 WLKC 100.7 NY Henderson/Watertown, ID+ Lake Country-100, k$, o/CHIN 118

26 troposcatter
1702 WONE 97.5 OH Akron/Cleve./Canton, ID, op$ 205

A typical March, April for reception in Western New York. Dave

DAVE NIEMAN-HO STA GEH ROAD-ROCK CITY, NY

Equipment: Denon TU-720 tuner, Realistic SA-10 audio amp. Radio Shack 5 element FM antenna at 12' above ground, 2380' above sea level. RG-6 coax leadin. All new to Rock City, NY log.

APRIL 1991

26 TrS
1147 WDSY 107.9 PA Pittsburgh, k, call 138
1148 CING 107.9 ON Burlington, FM-108, r 114
1149 WEZQ 107.7 NY Wethersfield, call, b 46
1150 WDBA 107.3 PA Dubois, call, trading post 61
1154 WRCK 107.3 NY Utica, rock-107, r 171
1200 WPCX 106.9 NY Auburn, ID, k 110
1201 CILQ 107.1 ON Toronto, Q-107, rp 126
1213 WXXI 91.5 NY Rochester, call, c 85
1213 WBJC 91.5 MD Baltimore, call, fund drive 211
1218 WWMD 104.7 MD Hagerstown, call, b 171

APRIL 1991 DX continued

26 TrS cont.
1220 WEZE 104.7 PA Pittsburgh, call, b 138
1221 WKFM 104.7 NY Fulton, 104.7 kix-FM, r 134
1223 WBSB 104.3 MD Baltimore, B-104, r 211
1225 WOMC 104.3 MI Detroit, call, o 240
1226 WKGW 104.3 NY Utica, KG-104, r 171
1230 CIDC 103.5 ON Orangeville, DC-103.5, r 154
1231 WQNY 103.7 NY Ithaca, classic Q-104, op 98
1232 WXCY 103.7 MD Havre de Grace, call, k 207
1234 WLMI 103.9 PA Kane, call, k 29
1245 WHFS 99.1 MD Annapolis, call, rp 236

I went and bought a small piece of the mountain 5 miles south of Olean, New York. Looks like it'll be a good DX spot; it has the height. There are only a couple other area pikes that are higher with the max. being 2400' above sea level. Olean (St. Bonnie) has only three local station with 95.7 "The Pig" the closest at two miles to the north. This is my first attempt at DXing and keeping a log. I see I'll do better here using the Carver also; too much adjacent channel interference from semi locals. I passed on alot of the signals on the band; I'll get them the next time down here. Log total now stands at 20. Dave

KURT RICHARDSON - 1165 LEMOYNE AVE - SYRACUSE, NEW YORK 13208-1303

JANUARY 1991 DX

3 MS
1339 WCTS 100.3 MN Minneapolis, FM 100.3

4 MS
0215 KSNR 100.3 MN Thief River Falls

14 MS
1213 WGKX 105.9 TN Memphis, Kicks 106

18 MS
1300 WLOO 100.3 IL Chicago, (Kurt, the calls are now WPNT-gc)

30 MS
1223 KSFI 100.3 UT Salt Lake City

31 MS
1215 KJMZ 100.3 TX Dallas-Fort Worth

FEBRUARY 1991 DX

1 MS
1104 WGKX 105.9 TN Memphis, Kicks 106
1407 WCNB 100.3 IN Connersville

11 MS
0951 unID 105.9 1-800-247-6820

FEB. 1991 DX continued

13 MS
1031 KGBX 105.9 MO Ava, calls

27 MS
1334 WDJC 93.7 AL Birmingham, 741-WDJC

MARCH 1991 DX

4 MS
1601 WFCJ 93.7 OH Miamisburg, in car

9 MS
0048 KEZQ 100.3 AR Jacksonville, AC

12 MS
0026 unID 104.1 North in Milan (Jackson, TN?-gc)

24 Au
1816 WQSM 98.1 NC Fayetteville, "98.1 QSM"
1825 WYFI 99.7 VA Norfolk

APRIL 1991 DX

13 Tr
1705 WPST 97.5 NJ Trenton

15 Tr
0017 WWMX 106.5 MD Baltimore

dBRUCE HALL - 5 STIRTON AVE. - BRANTFORD, ONTARIO, CANADA N3T 1E2

Equipment: same as before, distances are in kilometres

MARCH 1991 DX

20 MS
0659 WABE 90.1 GA Atlanta "90.1 WABE" 1104

24 TrS
0901 WCIH 90.3 NY Elmira, g, FAMILY LIFE calls, local wx //WCII-WCIK 313

27 Au or MS
0736 WBTU 93.3 IN Kendallville, Country 93 Auroura? Probe was north and signal very distorted (Probably au-gc) 460

29 TrS
0855 WWKL 94.9 PA Harrisburg, Cool 94.9 o, traffic, ment Route 283 455
0909 WKLL 94.9 NY Frankfort, Classic 94.9, Utica-Rome's largest on air music library." Followed by the Beatles 391

30 MS
0738 KQUS 97.5 AR Hot Springs, US 97.5 country "You're going to love the cars and you're going to love the prices here at SPA CITY HONDA ---Central Ave. 6:38, 22 min in front of 7 oclock here at US97". This one bolted me up in the LZ boy 1475

31 TrS
0743 WKLT 97.5 MI Kalkaska, KLT, r 437

APRIL 1991 DX

First year DX complete: 437 logged as of 4/4

APRIL 4 TrS
0651 WVCC 101.7 PA Linesville, Stardust WVCC Standards, Mills Bros "Paper Doll" Format change from the former awful Z ROCK Many mistakes and dead air but the 180° switch in music more listenable 170

16 Trs
0710 WSQG 90.9 NY Ithaca, cj,//WSKG 290

APRIL 17 TrS
0635 WICB 91.7 NY Ithaca, 92ICB weather forcast under CKPC splatter. Still unable to log anything on 91.9 cause on 92.1 290

20 TrS/MS/GW
0739 WSGD 94.3 PA Carbondale, Solid Gold 94 oldies, "94.3 WSGD good morning" 414
0759 WFME 94.7 NJ Newark, g, calls folowed by wx, // WFRS 88.5 529
0831 WTYX 94.7 MS Jackson, Oldies 94 oldies, another surprise! 1507
0931 WBUF 92.9 NY Buffalo, All New Mix 92.9, r "Another great song you won't here on Oldies 104", new nonID, format sounds the same though (it is-gc). Their approach interests me through mentioning Oldies 104. (They use that to stress they they don't play all oldies. They are also mentioning Joy 96 because they claim to not play "all lite songs"-gc) 115

No notice of any strong spring tropo yet. Leaving for insurance school in Ottawa for almost two weeks in May. I may miss some good DX but I will acquire LAPTOP and PRINTER for logging and reporting due to change in new occupation. 73 dB

STATION NEWS: In Pheonix, KZZP 104.7 is now AC: KUAY "Variety 104.7". Just north of NYC, 107.1 Briarcliff Manor is now "Rock-AC" WHPS "Express 107", In Seattle, 100.7 switches from KSEA to KWMH, "Mix 101", Also changing to Mix is 103.7 Erie, PA, now WMHE "Mix 103.7": AC, WIOI-FM 100.7 Brunswick, GA is now simulcasting news/talk WOKV 600 Jacksonville, FL. WHUD 100.7 Peekskill,NY is now soft AC, ex "b". Thanks Bill Nienajadly and Paul Mount.

RICHARD K. SHAFTAN - 39 OLD MIDDLETOWN ROAD - ROCKAWAY TWP, NEW JERSEY 07866

(201) 586-3563. Beeper for e-skip notification (201) 955-4256. Beeper instructions: dial beeper number, hear three beeps. Punch in your phone number. HIt the # sign and hang up. Your phone no will show up on the beeper EQUIPMENT: JVC JRS 201, two Radio Shack 6 element stacked 7 feet apart 20' AGL coupled with a Channel Master 3517 TV antenna both fed thru Radio Shack amps and variable attenuators and coupled to single 75 ohm

JANUARY 1991 DX

21 TrS

1714 WDBA 107.3 PA DuBois, Life 107 weather. Winter weather advisory for Northern Pa.

25 TrS

1817 WROW 95.5 NY Albany, WPLJ off the air, Also may have had WBRU, and unid with mk. PLJ on 1822

30 Tr

0055 Strong Boston opening including WFNX, WXLO

FEBRUARY 1991 DX

1 TrS

0055 CBOXt 102.5 ON Ottawa, classical in and out FF announcer voice at 0100

2 TrS

0036 unID 102.5 Oldies 102, North (Rome likely-gc)

8 TrS

2120 unID 106.5 "FM 106" to NNE
2126 WPYX 106.5 NY Albany, local phone number
2307 WIBF 103.9 PA Jenkintown, solid w/SS pgm
2308 WARM 103.3 PA York, over WPRB

MARCH 1991 DX

2 TrS

0057 WLYT 92.5 MA Haverhill, W-Lite 92.5

22 Tr

2135 WRCK 107.3 NY Utica, "Rock 107" BACK AT 39 OLD MIDDLETOWN

APRIL 1991 DX

3 TrS

1727 W207AK 89.3 PA Bethlehem, ID as WRGN

5 Trs

0105 WMHT 89.1 NY Schenectady, clas.,WFDU off
0147 WRPI 91.5 NY Troy, heavy metal, ID

6 Tr

2106 WWDL 104.9 PA Scranton, Light 105
2100 WDLS 93.7 PA Dallas, country, strong
2301 WSUL 98.3 NY Monticello, ID, r & r oldies

APRIL 8 TrS

0159 CFMK 96.3 ON Kingston, CFMK 96.3 with the best in the country (Rich, city is Kingston-gc)
0218 WMXW 103.3 NY Vestal, Mix 103 with 729-request line which matches station phone #14

14 TrS

1255 WWMD 104.7 MD Hagerstown, muzak // Bob Smolarek
1424 WQKX 94.1 PA Sunbury, solid thru WYSP
1428 WWMX 99.3 PA Harrisburg, Mix 99.3

16 TrS

2354 WYRK 106.5 NY Buffalo,C/W,FM 106.5 WYRK

18 TrS

0046 WVOS 95.9 NY Liberty, C/W, rare
0018 WEXT 96.9 NY Arlington, ID as "WKIP AM-FM Roof top aerials in place

20 TrS

1022 WNNN 101.7 NJ Canton, solid, Win 101.7
1202 WRCZ 101.7 MA Pittsfield, Z 101.7, rock first FM from that part of MA
1209 WDST 100.1 NY Woodstock, thru WJRZ
1218 WHRL 103.1 NY Albany, EZ 103.1 WHRL thru "Energy 103" WGNY
1301 unID 100.9 "Bright 101"
1417 unID 100.9 c/w, likely relog WQIX Horseheads
1418 unID 100.9, classic rock, senational 60s weekend
1524 WPIG 95.7 NY Olean, in Olean, great country, WPIG the Big Pig

21 TrS1015 unID 99.1 album rock thru WPLR, WAWZ off
1039 unID 99.1 big bands (Plymouth, Mass?-gc)
2344 WAAL 99.1 NY Binghamton, 99.1 WAAL

22 TrS

1817 WMJQ 102.5 NY Buffalo, in stereo

24 TrS

0356 WBRUt 95.5 RI Providence, w/WPLJ off, Ray Charles and other blues mx. Beam East
0402 WPGC 95.5 MD Morningside, Top 40, ID

26 TrS

1800 WDBA 107.3 PA DuBois, religion breaking through WRQX-WRWD-WAAF

28 TrS

0119 WKFM 104.7 NY Fulton, WSPK off, ph# 421-9KIX", Rock quiz winner was Brian ffrom Syracuse. Kix FM IDs
0131 WWMD 104.7 MD Hagerstown, ID weather WKPE and WQHQ also were in.

Moved back to the old house on April 1st and decided to have the antennas professionally installed for a change. But before the aerials went up, I was using one of those six element Radio Shack cheapies on a five foot pole in my new attic office with amazing results. See below. The antenna installer I hired (Tom Fuscaldo of Paterson), put up the stacked six elements, my UHF dish 10 feet above the house and threw in a humongous Channel Master TV aerial and did it all for about $250. The new roof after the fire is much sharper, and frankly it wasn't worth the hassle of trying to do it myself. Now the roof of this place looks like the Baghdad Communications Center but the results are great. It is interesting to compare the TV and FM combos. The TV aerial has more gain, but less directivity and a worse front to back ratio. Reception before April 1 is on two Radio Shack FM's stacked 5 feet apart. I figure the larger stacking difference (to 5/8 wavelength at 108 mhZ) should increase gain. is this correct? Compared to the old Winegard antenna, reception here is far better on either thetwo stacked RS aerials or TV

JEFF FALCONER - BOX 63 - CLINTON, ONTARIO CANADA N0M 1L0

EQUIPMENT: Magnum Dynalab FT101A, Probe 9 at 27' with HD-73A rotor, RG-11u feedline., Magnum Dynalab 205 preamp

FEBRUARY 1991 DX

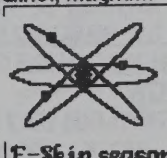
14 MS

1511 WYFB 90.5 FL Gainesville, "...WYFB Gaines...." 959

18 TrS

1530 WLGN 98.3 OH Logan, weak with ID 278

MORE OF JEFF'S DX ON THE NEXT PAGE!!



E-Skip season!

JEFF FALCONER'S REPORT CONTINUED

FEB. 20, 1991 MS
1441 KDGE t 94.5 TX Gainesville "in Dallas...."
MARCH 1991 DX
16 TrS
1449{WMJT} 100.9 MI Piconning, r$, Magic ex: WLFS, had been off the air 131
24 AU
1643 WTQR 104.1 NC Winston-Salem, k,ID 502
1658 WUNC 91.5 NC Chapel Hill, c, ID 547
26 TrS
1714 WLBC 104.1 IN Muncie, only hrd ID 311
1752 WHMQ 107.7 OH N.Baltimore, k$ 202
27 TrS
1720 WFCJ 93.7 OH Miamisburg, g$, poor mixing with WJFM Grand Rapids 308
1748 WCOZ 96.9 KY Paris, rm$, ex 96.7 396
29 TrS
1636{WFYI} 90.1 IN Indianapolis, poor with WUCX, wx rpt, ex WIAN 353
1640 CIRV 88.7 ON Toronto, e$, several ads Spanish pgm, raised power to 250w 105
1948{WZRZ} 96.5 OH Hamilton, rp$ Z-Rock ID as Dayton-Cincinnati 327
30 TrS
0159 WFIU 103.7 IN Bloomington, b$, ID 401

Only thing of note was the Au on March 24; WWV K index was up to 8! 73, Jeff

PAUL MOUNT - BOX 126 - LINCROFT, NEW JERSEY 07738

Equipment: Onkyo T9090II, Archer FM rabbit ears, Archer FM amp,
Location: 74 13 West, 40 23 North, HAAT 15 feet

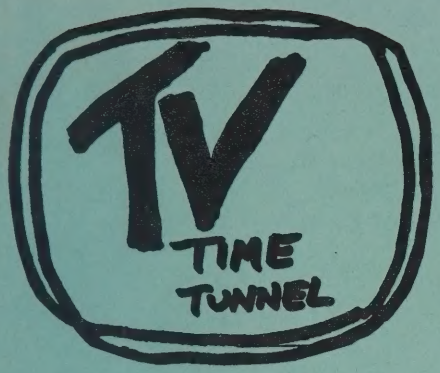
APRIL 1991 DX
20 Tr Rich Shaftan tip
1058 WARM 103.3 PA York, Warm 103 Saturday Morning Oldies, WPRB off
1200 WOLC 102.5 MD Princess Anne financial talk show!
MAY 1991 DX
1 Tr (the night after the fog delay at Shea)
0805 WRCH 100.5 CT New Britian, m, Lite
0805 WKCI 101.3 CT Hamden r, KC 101
0806 WTYD 100.9 CT New Lonodn, m, Tide 101
0807 unID 103.1 "Energy 103"new slogan for WGNY Newburgh? (yes-gc)
0808 WQSR 105.7 MD Catonsville, traffic
0812 WRWD 107.3 NY Highland, ID
0813 WSNJ 107.7 NJ Bridgeton, ID, 39 db$
0820 WRKE 101.7 DE Ocean View, rs, "101.7 Kiss FM"
big May 1st trop continued on next column
0825 WWDE 101.3 VA Hampton, local spot
0828 WCMS 100.5 VA Norfolk, k
0838 WRNQ 92.1 NY Poughkeepsie, r, Q-92 FM
0840 WWYZ 92.5 CT Waterbury, Country 92.5, calls
0843 WZBH 93.5 DE Georgetown, rp, 93.5 The Beach
0845 WZMX 93.7 CT Hartford, rm the new Mix 93.7, new for call change only
0855 WJQI 94.9 VA Virginia Beach, rm, Joy 95
0902 WFOG 92.9 VA Suffolk, ID "Suffolk - Williamsburg", appropriate calls this AM
6 Tr
0100 WBLI 106.1 NY Patchogue, normally blocked by the hills
0118 WDNH 95.3 PA Honesdale, r, SNN
0120 WHFM 95.3 NY Southampton, r
0123 WSBG 93.5 PA Stroudsburg, r, Power 93-5, under WRTN
0156 WPKT 90.5 CT Middlefield, c, ID with WNPR Norwich, "CT clas. choice", WBJB off

A few "yuck" entries in the log, like WCBS-FM on 103.3, with WPRB offm ir a mix of WWDB/WPLJ/WNYF-FM on 96.3 with WQXR-FM off. The reason a lot of these not too challenging stations are new is that my total stands at only 131, from 13 states and DC. And, there were no new entries to the log between 11/27 and 4/19. Plus some semi-locals below 97.5 haven't even been officially entered. Married and single guys alike agree "come April, a young man's thoughts turn to DX", and simultaneous FM/UHF trops get the heart a pounding. 73 Paul

GREG CONIGLIO - 5100 GLENWOOD DRIVE - WILLIAMSVILLE, NEW YORK 14221

Equipment: Carver TX11 tuner, Stereo Probe 9 at approx 25' AGL, archerotor, CAC11

APRIL 1991 DX
4 GW
1548 CJFT 101.1 ON Ft Erie, still testing as of May 12, "Rich Blend 101", m$ 15
17 TrS: WMJO 102.5 off briefly
2341 WZOO 102.5 OH Edgewood, r$, Zoo 129
20 GW
1453{WMXE} 103.7 PA Erie, rm$, Mix 103.7, ex: WCCK "K-104" 92
21 Tr
1840 W*** 99.7 PA Mount Carmel, r$ "103.9 WHOT", calls? 192
23 TrS
2149 WYII 95.9 MD Williamsport, k, ment. of special country program, calls, a surprise! 236
30 TrS
2224 WLIF 101.9 MD Baltimore, rm$ Life 102, finally! 275
MAY 1991 DX
11 Tr
0851 WLKC 100.7 NY Henderson, k$, "Lake Country", Watertown ment, o/CHIN 132
0852 CHEQ 101.1 ON Smiths Falls, o/CJFT 190
No E-skip seen here yet, hope you've had some by now!



WRITTEN BY: TOM BRYANT / 849 TODD PREIS DR. / NASHVILLE, TN / 37221 - We're just a couple of months away from the 1991 WTFDA convention in Dunkirk, NY. Convention is really too formal a word to describe what happens, but the term makes the event sound official. What it really boils down to is a chance to meet the folks you read about in VUD; shoot the breeze about our hobby; and swap ideas about antennas, traps, amps, etc. Thanks to Bob Seybold for hosting..particularly since he recently lost his wife. See you there!

MAILBAG: WTFDA'er James Roggentine of Crest Hill, IL sent some interesting copy on early calls and construction permits. He notes, *"WTZR in Chicago was owned by Zenith Radio and was mainly used by the factory for experiments and testing. At one time it was on channel 1, then later changed to channel 2. It never operated as a regular television station. Zenith later operated another experimental station, KS2XBS on Channel 2 with a 'Phone-Vision' test. This was a pay tv system similar to 'ON-TV' or 'Select TV' services of recent years. The experimental license was cancelled shortly before the 1953 switch of WBBM-tv from channel 4 to channel 2."*

GRAPEVINE: Fellow Nashvillian Doug Smith called with information he'd run across in an old QST magazine. Until sometime in 1945 every commercial broadcast service was assigned a distinctive and individual call sign. This ruling precluded the use of suffixes such as -FM or -TV ...thus explaining why the NBC and CBS flagship stations in New York City initially had the odd call signs of WNBT and WCBW.

WMJT/WTMJ--CASE CLOSED: The information in the preceding paragraph solves the Milwaukee mystery mentioned previously in this column. When the application was initially filed [for WMJT], the old rule was in effect; but by the time the grant was made and construction completed ...the use of call suffixes had been approved and the station went on the air as WTMJ-tv, using the same call as it's well-established AM predecessor.

SIMILAR SITUATION: Jim Roggentine's letter also made mention of other stations changing calls before actually going on the air. For example, *"WGN-TV, channel 9, Chicago; was to have been assigned the call WGNA (to go with AM station WGN and old FM station WGNB). I have seen photos with these calls on equipment, but they went on as WGN-TV."*

EARLY VHF CASUALTIES: Some early VHF permitees never got on the air. In some cases the cost of construction was a stumbling block; in others, cold feet about revenue projections caused owners to return their CP's. Such was the case with the two VHF channels originally allocated to Peoria, IL. According to Roggentine's letter, CP's for those operations were returned to the FCC in 1951. He also states that KERO in Riverside, CA (owned by the old KPRO radio) was assigned channel 1 but never went on the air. When channel 1 was deleted in 1949, a new (VHF) channel was never assigned to KARO because everything available had already been used in Los Angeles and San Diego/Tijuana.

CHANNEL ONE: I've always been under the impression that the frequency allocated for channel one was reserved for either government or educational use; and that channel one, as such, was never used. Earlier in this month's column you read that Zenith operated an experimental station in Chicago on channel one; and that a commercial station in California had at one time been assigned to the channel. Since there seems to be more than meets the eye about this 'mystery channel', how about some help from Time Tunnel readers? Anyone with good solid info on channel one, please drop me a line.

NEXT MONTH: "WAY BACK WHEN..."

WORLDWIDE TV-FM DX ASSOCIATION

POST OFFICE BOX 514 - BUFFALO, NY 14205-0514 - U.S.A.

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